الذيل الأول وفيه رسالتان في علم المنطق الرسالة الأولى وهي الرسالة الشمسية لنجم الدين ابن بكربن علي بن عمر الكاتبي بن عمر الكاتبي القزويني



قال مصنف نفائس المآثر مولانا نجم الدین کاتبی قزوینی که حکیم متبحر است و در حکمت شاگرد اثیر الدین ابهری است شرح تلخیص و شرح محصل و حکمت عین و رسالهٔ شمسیه و جامع الدقائق از مصنفات اوست و فاتش روزجمعه ثالث رجب سنة خمس و سبعین

بود

## بِسْمِ اللهِ الرَّحْمٰنِ الرِّحيْم



 في تَبْته وَ كَتَابَته \* مُلْتَزِمًا انْ لاَ أَحِلَّ بِشَيْئِي يُعْتَدَّبِه \* مَعَ رِيَادَاتِ شَرِيْفَة وَ نَكَتِ لَطْيُفَة مِن عَلَىنِ \* مُتَّرِكًا لِلتَّقَايْدِ \* مُتَّدِعًا للْحَقِ الصَّر يُعِ اللَّهَ عَلَى لَا يَبْعِ لِللَّهِ اللَّهُ وَلَا مِن خَلْفَه \* وَ سَمْيَنَهُ وَاللَّهِ اللَّهُ الللللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللللَّهُ اللَّهُ اللَّهُ اللِّهُ الللَّهُ الللَّهُ اللللللِهُ الللللِهُ اللللللللِهُ الللللِل

ع وَ آئِيسَ الْكُلُّ مِنْ كُلِّ مِنْهُمَا بَدِيْهِيًّا وَ إِلَّا لَمَا جَهِلْنَا شَيْئًا وَلاَ نَظْرِيًّا وَ الَّالَدَارَ أَوْ تَسَلَسَلَ \*

ه بل البَعْضُ مِن كُلِّ مِنْهُما بَدَيْهِ فَي وَالْبَعْضُ نَظْرِي يَحْصُلُ مِنْهُ بِالفَكْرِ وَهُو تَرَبَيْبُ امْوُرْ مَعْلُومَةً لِلْنَادَّيْ اللَّاقَادَ فَي الْفَكْرِ وَهُو الْمَنْوَفِي الْمَاقَضَة بَعْضِ الْعَقَلَاء بَعْضًا فِي مُقَتَضَى اَفْكَارِهِمُ لِللَّاقَدَيْ اللَّيَ اللَّهُ وَلَا اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ ا

 ٩ وَلَيْسَ كُلُّهُ بَدِيهِيًّا وَ إِلَّا لَاسْتُغْنِي عَنْ تَعَلَّمِهِ وَلاَ نَظْرِيًّا وَ إِلاَّ لَدَارَ أَوْ تَسَلَسُلَ بِلَ بِعَضُهُ بَدِيهِيٍّ وَ بِعَضُهُ اللهِ عَضْهُ بَدِيهِيٍّ وَ بِعَضْهُ اللهِ عَضْهُ بَدِيهِيٍّ وَ بِعَضْهُ اللهِ عَضْهُ اللهِ عَنْهُ اللهِ عَضْهُ اللهِ عَنْهُ اللهِ عَلَيْهِ عَلَيْهِ اللهِ عَنْهُ اللهِ عَنْهُ اللهِ عَنْهُ اللهِ عَلَيْهِ عَلَيْهِ عَلَيْهِ اللهِ عَلَيْهِ عَلَيْهِ عَلَيْهِ عَلَيْهِ عَلَيْهِ عَلَيْهِ اللهِ عَلَيْهِ عَلَيْ عَلَ عَلَمُ عَلَمُ عَلَيْهِ عَلَيْ

## ٱلْبَحْثُ التَّانِيُ فِي مَوْضُوعِ الْمَنْطُقِ

٧ مَوْضُوعُ كُلِّ عَلْمٍ مَا يُبْحَثُ فَيْهُ عَنْ عُوارضِهِ التَّي تَلْحَقُهُ لِلْمَا هُو هُو الْكَي لِذَاتَهُ اوَ لَجَزْنُهِ اوَ لَمِايسَاوِيهُ \* وَمَوْضُوعُ الْمَانُوعُ الْمَانُوعُ الْمَالُويُهُ اللّهَ عَلَيْهَا الْمُوصُلُ الْيَ التَّصُورِيِّ اوْ تَصْفَيْقِي وَ مِنْ حَيْثُ يَتَوَقَّفُ عَلَيْهَا الْمُوصُلُ الْيَ التَّصُورِيِّ اوْ تَصْفَيْقَ وَ مِنْ حَيْثُ يَتَوَقَّفُ عَلَيْهَا الْمُوصُلُ الْيَ التَّصَوْرِيُ كَمُونَهَا كُلَيْةً وَ وَاللّهُ وَ مَنْ حَيْثُ يَتَوَقَّفُ عَلَيْهَا الْمُوصُلُ الْيَ التَّصَوْرِيُ أَوْ كَمُونَهَا وَمُؤْمَنَ وَصَلاً وَمَنْ حَيْثُ كَمُونَهَا عَلَيْهَا الْمُوصِلُ الْيَ التَصَديقُ إِما تَوَقَّفُ عَلَيْهَا الْمُوصِلُ الْيَ التَصَديقُ إِما تَوقَفُا قَرَيْبَا كَمُونَهَا فَصَيّةً وَ امْتَا تَوقَفًا تَوَيْبَا مَعَيْدًا لَعُمْ مَوضُوعُ وَاللّهِ وَمُعَمُولًا وَمَنْ مَعْمَدُولُونَ فَعَيْقُ اوْ نَعَيْضَ فَصَيّةً وَ امَا تَوقَعُنَا بَعِيدًا لَكُونَهَا مَوضُوعَاتِ وَمَحَمُولاتِ \*

٨ وَقَدْ جَرِتِ الْعَادَةُ بِأَنْ يُسَمُّو الْمُوْصِلَ الِّي التَّصَوُّرِ قَوْلاً شَارِحًا وَ الْمُوصِلَ الِّي النَّصْدِيقِ حُجَّةً وَ يَجِبُ

كَلْقُهِ أَبُمُ الْآوَلَ عَلَى النَّالَهِي وَضَعَالِلْفَكَّمِ النَّصَوْرِ عَلَى النَّصْدِيْقِ طَبَعًا لاِنَّكُنَّ تَصْدِيقٍ لِأَبَدَّهُ مِنْ تَصَوَّرِ الْمَحْكُومِ عَلَيْهُ بِذَاتِهِ اوْ بِاَ مَرْ صَادِقِي عَلَيْهِ وَ الْمُحَكُومِ بِهِ كَذَٰ لِكَ وَ الْحَكُمْ لِا مُتِذَا عِ ٱلْحَكْم

## أمَّا الْمُقَالاَتُ فَمُلْتُ \* أَلاُّولَى فَنِي الْمُفْرَدُاتِ وَفِيْهَا ٱ رَبْعَةُ فُصُولِ

#### ٱلْفَصْلُ الْأَوَّلُ فِي الْأَلْفَاظِ

١١ وَ الْمُطَابَقَةُ لاَ تَشْتَلْوِمُ النَّصَمُّى كَمَا فِي الْبَسَائِطِ وَ اَمَّا اسْتِلْزَامُهَا الْالْتَزَامَ فَعَيْرُ مُتَيَقَّى لَاَنَ وُجُودَ الْإِلَةِ مَا هَيَّةً يَشْتَلُومُ النَّصُورُ اللَّهَا لَعُل مِنْ اَنَّ تَصُوَّرُ كُل مَا هَيَّةً يَشْتَلُومُ تَصُورُ الْهَا لَا لَتَوَامَ وَامَّا هُمَا فَلاَيُومُ مِنْ اللَّاتِوَامَ وَامَّا هُمَا فَلاَيُوجُدَانِ اللَّامَعَ الْمُطَابَعَة لَيُسَتَّ عَيْرُهَا فَمَمْنُوعُ وَمِنْ هَذَا تَبَيِّى عَدَمُ اسْتَلْزَامِ النَّضَمُّنِ الْالْتَزَامَ وَامَّا هُمَا فَلاَيُوجَدَانِ اللَّامَعِ الْمُطَابَعَة لِاسْتَعَالَة وُجُودِ النَّالِعِ مَنْ حَيْمَ الْتَعَلَّمُ الْمُقَابِعِ عَ \*

١٢ وَ الدَّالُّ بِالْمُطَابِقَةِ إِنْ قُصِدَ بِجُرْنِهِ الدَّلَا لَهُ عَلَى جُزْءِ مَعْنَاءٌ فَهُوَ الْمُرَكِّبُ كَرَا مِي الْحِجَارَةِ وَ اللَّا لَهُ عَلَى جُزْءِ مَعْنَاءٌ فَهُوَ الْمُرَكِّبُ كَرَا مِي الْحِجَارَةِ وَ اللَّهُ عَلَى عُبُو الْمُفَرِّدُ وَ الْمُفَرِّدُ وَ اللَّهُ عَلَى اللَّهُ قَالَ لَهُ عَلَى اللَّهُ قَالَ لَهُ عَلَى اللَّهُ عَلَى اللَّهُ عَلَى اللَّهُ عَلَى اللَّهُ قَالَ اللَّهُ عَلَى الْعَلَالَةُ عَلَى اللَّهُ عَلَى اللَّهُ عَلَى اللَّهُ عَلَى اللَّهُ عَلَى اللْمُعَالِمُ عَلَى اللَّهُ عَلَى الللَّهُ عَلَى اللَّهُ عَلَى الل

سرر و حيندَّدُه اصَّا اَنْ يَكُوْنَ مَعْنَاهُ وَ احدُّا اوْ كَدْهُرُا فَانَ كَانَ الْأَوَّلُ فَانَ تَشَخَّصَ ذَلِكَ الْمَعْنَى يُسَمَّى عَلَمًا وَ الْخَارِجَيَّةُ فَيْهُ كَا لَانْسَانِ وَ الشَّمْسِ وَ مُشَكِّمًا اِقَ كَانَ حَصُولُةُ فِي الْبَعْضِ اَوْلَى وَ الشَّمْسِ وَ مُشَكِّمًا اِقَ كَانَ حَصُولُةً فِي الْبَعْضِ اَوْلَى وَ الْمَمْسِ وَ الْمَمْسِ وَ الْمَمْسِ وَ مُشَكِّمًا اِقَ كَانَ حَصُولُةً فِي الْبَعْضِ الْوَلِي وَ الْمَمْسِ وَ الْمُمْسِ وَ الْمُعْمِ وَ الْمُمْسِ وَ الْمُعْفِقُولُ اللَّهُ وَلَى اللَّهُ وَالْمُولِي وَالْمُولِ وَالْمُولِ وَالْمُولِ وَالْمُولِ وَالْمُولِولُ عُلُولُولُ عُرُولِي اللَّهُ وَالْمُولِ وَالْمُولِ وَالْمُولِولُولِ وَالْمُولِ وَ السَّوْمِ وَ الْمُطْلِحُولُ عَلَالِمَاسُ وَالْمُولِولِ اللَّهُ وَلَا اللَّهُ وَلَالْمُولِ وَ السَّوْمِ وَ السَّوْمِ وَ السَّوْمِ وَ الْمُعْرِفُ وَالْمُولِ وَالسُّولِ وَالسَّوْمِ وَالسَّوْمِ وَ السَّوْمِ وَ السَّوْمِ وَ السَّوْمِ وَ السَّوْمِ وَ السَّوْمِ وَ السَّوْمِ وَ الْمُعْلِقُولُ اللْمُ الْمُعْلِقُ وَالْمُولِقُ وَالْمُولِ وَالْمُولُولُ عَلَى اللَّاسُولُولُولُ وَالْمُولِ وَالْمُولِ وَالسُلُولُولُ وَالْمُولِولُولُ وَالْمُولِ وَالْمُولُولُ وَالْمُولُولُ وَالْمُعْلِلُولُولُ وَالْمُولُولُولُولُ وَالْمُعْلِلُولُولُولُولُ وَالْمُعْلِقُولُ الْمُعْلِلُولُولُ وَالْمُعْلِلُولُولُولُولُولُ وَالْمُعْلِلُولُولُولُ وَالْمُعْلِلُولُولُولُولُ وَالْمُعْلِلُ

وَ إِنْ لَمْ يُتْرَكَ مَوْضُوعُهُ الْأَوْلُ يُسَمَّى بِالنِسْبَةِ اللهِ حَقَيْقَةٌ وَبِالنِّسْبَةِ الِنِي الْمَنْقُولِ اِلَيْهِ مُجَازًا كَالْسَدِ بِالنِّسْبَةِ الِي الْحَيْرَانِ الْمُفْتَرِسِ وَالَّرِجُلِ الشَّجَاعِ \*

ا وَ كُلُّ لَفَظْ فَهُو بِالنِّسْبَةِ اِلَى لَفَظْ آخَرَ مُرَادِفَ لَهُ إِنْ تَوَافَقًا فِي الْمَعْنَى وَمُبَايِنَ لَهُ إِنِ الْمَعْنَى وَمُبَايِنَ لَهُ إِنِ الْمُثَلَّفَا فَيْهِ .

الله المنظرة والمنظرة المنظرة المنظرة

## ٱلْفَصْلُ النَّانِي فِي الْمَعَانِي الْمُفَرِّدَةِ

١٩ كُل مَفْهُوم فَهُو جُزْبُكِي إِنْ مَنْعَ نَفْس تَصَوَّرِهِ عَنْ رُقُوعِ الشِّرْكَةِ فَيْهِ وَكُلِّي إِنْ لَمْ يَمَنَعْ وَاللَّفْظُ اللَّالُ عَلَيْهِمَا يُسَمَّى جُزْئِياً وَكُلِياً بِالْعَرْضِ \*

١٧ وَ الْكُلَّيِّي إِمَّا اَنْ يَكُونَ تَمَامَ مَاهِيَّةً مَا تَحْتَهُ مِنَ الْجُوْنِيَّاتِ أَو دَاخِلًا فِيْهَا اَوْ خَارِجًا عَنْهَا وَ الْأَوَّلُ هُوَ اللَّوْعُ مِنَ الْجُوْنِيَّاتِ أَو دَاخِلًا فِيْهَا اَوْ خَارِجًا عَنْهَا وَ الْأَوْلُ فَي جَوَابِ مَا هُوَ بِحَسْبِ الشَّرْكَةِ وَ الْخُصُومِيَّةِ مَعًا كَالْ نَسَانَ أَرْ غَيْرَ مُتَعَدِّدِ الْاَشْخَامِي وَ هُوَ الْمُقُولُ فِي جَوَابٍ مَا هُوَ بِحَسْبِ الْخُصُومِيَّةِ الْمُحْضَةِ كَالشَّمْسِ كَالْإِنْسَانَ أَرْ غَيْرَ مُتَعَدِّدِ الْاَشْخَامِي وَ هُوَ الْمُقُولُ فِي جَوَابٍ مَا هُو بِحَسْبِ الْخُصُومِيَّةِ الْمُحْضَةِ كَالشَّمْسِ فَهُو إِذَنْ كُلِّيْ مُقُولُ عَلَى وَ احِدٍ أَوْ عَلَى كَثَيْرِيْنَ مُتَّقِقَيْنَ بِالْحَقَائِقِ فِي جَوَابٍ مَا هُو \*

١٨ وَ إِنْ كَانَ التَّانِي فَانَ كَانَ تَمَامَ الْجُوْءِ الْمُشْتَرَكِ بَيْنَهَا وَ بَيْنَ نَوْعِ آخَرَ فَهُوَ الْمَقُولُ فِي جَوَابِ
مَا هُوَ بِحَسْبِ الشَّرِكَةِ الْمَصْفَةِ وَيُسَمَّى جِنْسًا وَ رَسُمُوهُ بِأَنَّهُ كُلِّيٍّ مَقُولٌ عَلَى كَثَيْرِيْنَ صُخْتَلَفِيْنَ بِالْحَقَاتِقِ
فَى جَوَابِ مَا هُو \*

١٩ وَهُوَ قَرِيْسَ إِنْ كَانَ الْجَوَابُ عَنَ الْمَاهِيّةِ وَ عَنَ بُعْضِ مَا يُشَارِكُهَا فِيهِ هُوَ الْجَوَابُ عَنْهَا وَ عَنْ كُلِّ مَا يُشَارِكُهَا فِيهِ هُوَ الْجَوَابُ عَنْهَا وَ عَنْ كُلِّ مَا يُشَارِكُهَا فِيهِ عَنْهَا وَ عَنْ بُعْضِ مَا يُشَارِكُهَا فِيهِ مَا يُشَارِكُهَا فِيهِ مَا يُشَارِكُهَا فِيهِ مَا يُشَارِكُها فِيهِ عَنْهَا وَعَنْ بُعْضِ مَا يُشَارِكُها فِيهِ عَنْهَا وَعَنْ الْبَعْضِ اللَّهَ فِي الْبَعْضِ اللَّهُ وَ وَيَكُونُ هُذَاكَ جَوَا بَانِ إِنْ كَانَ بَعِيدًا بِمَرْتَبَةً وَ احْدَةً كَالْجِسْمِ اللَّهُ مِي عَنْهَا وَعَنِ الْبَعْضِ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مِنْ اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مِنْ اللَّهُ مَنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَنْ اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَا اللَّهُ مَنْ اللَّهُ مَا مَا اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مَا اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّامِ مَا اللَّهُ مَا اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّالِي اللَّهُ مِنْ اللَّهُ مُلْكِمْ مِنْ اللَّهُ مِنْ مِنْ اللَّهُ مِنْ مِنْ اللَّهُ مُنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مِنْ اللَّهُ مُنْ اللَّهُ مُنْ

بِالنِّسْبَةِ إِلَى الْإِنْسَانِ وَثَلَقَةُ أَجُوبَةٍ إِنْ كَانَ بَعَيْداً بِمَرْتَبَتَيْنِ كَالْجِسْمِ وَارْبَعَةُ آجُوبَةٍ إِنْ كَانَ بَعَيْدًا بِتَلْتِ مَرَاتِبَ كَالْجَوْهُر وَعَلَى هٰذَا الْقِيَاسُ \*

﴿ ﴿ وَ إِنَّ لَمْ يَكُنُ ثَمَامُ الْجُرْءِ المُشْتَرَكِ بَيْنَهَا وَبِيْنَ نَوْعِ آخَرَ فَلَا بُدَّ أَنَ لاَيْكُونَ مُشْتَرَكًا أَصْلاً أَوْ يُكُونَ بَعْضًا مِنْ تَمَامِ الْمُشْتَرَكِ مُسَاوِيًا لَهُ وَإِلَّا لَكَانَ مُشْتَرَكًا بَيْنَ الْمَاهِيَّةِ وَبَيْنَ تَوْعِ آخَرَ وَلاَ يَجُوزُ أَنْ يَكُونَ تَمَامُ الْمُشْتَرَكِ بِالنِّسْبَةِ إِلَى ذَلِكَ النَّوْعِ لاِنَّ المُقَدَّرَ خِلاَفَةُ بَلْ بَعْضَهُ وَلاَ يَنْسَلْسَلُ بَلْ يَنْتَهِي إِلَى مَا يُسَاوِيْهِ فَمَامُ الْمُشَدِّرُكِ بِالنِّسْبَةِ إِلَى ذَلِكَ النَّوْعِ لاِنَّ المُقَدَّرَ خِلاَفَةُ بَلْ بَعْضَهُ وَلاَ يَنْسَلْسَلُ بَلْ يَنْتَهِي إِلَى مَا يُسَاوِيْهِ فَمَامً الْمُقَدِّرُ وَمُولِا فَيْ وَجُودٍ فَكَانَ فَصَلاً \*

٢١ وَرُّسُمُوهُ بِانَّهُ كُلِّيُ يُحُمَلُ عَلَى الشَّيْمِ فِي جُوابِ اَيُّ شَيْمِ هُوَ فِي جَوْهُوهِ فَعَلَى هٰذَا لَوْ تَرَكَّبَ حَقَيْقَةً مِنْ اَصْرَيْنِ مُتْسَاوِيَةِ كَانَ كُلُّ مِنْهُمَا فَصْلًا لَهَا لِاللَّهُ يُمَيِّزُهَا عَنْ مُشَارِكِهَ فِي الرُّجُودِ \* ٢٢ وَ الْفَصْلُ الْمُمَيِّزُ لَلِنَّوْعِ عَنْ مُشَارِكِهُ فِي الْجِنْسِ قَرِيْبَ اِنْ مَيَّزَهُ عَنْهُ فِي جِنْسِ قَرِيْبَ كَا لَجَسَّاسِ لِلْإِنْسَانِ وَبَعِيْدُ إِنْ مَيَّزَهُ عَنْهُ فِي جِنْسِ بَعِيْدِ كَا لَحَسَّاسِ لِلْإِنْسَانِ \*

٣٣ وَ أَمَّا النَّالِثُ عَانِ امْتَنَعَ الْفَكَاكُةُ عَنِ الْمَاهِيَّةِ فَهُوَ اللَّارِمُ وَ اللَّ وَمُو الْعَرْضُ الْمُفَارِقُ وَ اللَّارِمُ وَ اللَّا وَمُ وَ اللَّارِمُ وَ اللَّا وَمُ وَ اللَّهِ وَهُوَ النَّهِ وَهُوَ النَّهِ فَهُو اللَّارِمُ وَ اللَّا وَهُو اللَّهِ وَهُوَ اللَّهُ وَهُو اللَّهُ وَهُو اللَّهُ وَهُو اللَّهُ وَمُو اللَّهُ وَهُو اللَّهُ وَهُو اللَّهُ وَهُو اللَّهُ وَهُو اللَّهُ وَمُ اللَّهُ وَمُ اللَّهُ وَمُ اللَّهُ وَمُ اللَّهُ وَمِعْ كَا فَيْنَا فَيْ عَلَى اللَّهُ وَمُ اللَّهُ وَاللَّهُ وَاللَّهُ وَمُ اللَّهُ وَمُ اللَّهُ وَمُ اللَّهُ وَمُ اللَّهُ وَ اللَّهُ وَاللَّهُ وَمُ اللَّهُ وَاللَّهُ وَالْمُوالِقُولُ وَاللَّهُ وَاللَّهُ وَالْمُؤْلُولُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَالْمُؤْلُولُ وَاللَّهُ وَالللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَالل

٣١٠ وَكُلُّ وَاحِدٍ مِنَ اللَّارِمِ وَ الْمُفَارِقِ إِنِ اخْتُصَّ بِافْرَادِ حَقِيْقَة وَاحِدَة فَهُوَ الْخَاصَّة كَالضَّاحِكِ وَ اللَّ فَهُوَ الْخَاصَّة كَالْمَا مِنْ وَ الْمُفَارِقِ إِن اخْتُصَّ بِافْرَادِ حَقِيْقَة وَاحِدَة فَهُو الْخَاصَّة وَاحْدَة فَقُطْ قُولًا عَرْضِيًّا الْعَامُّ كَالْمَا شِي وَ تُرْسُمُ الْخَاصَّة بِانَهَا كُلِيَّة مُقُولَة عَلَى مَا تَحْتَ حَقَيْقَة وَاحِدَة وَ غَيْرِهَا قُولًا عَرْضِيًّا فَالْكُلِيَّاتُ إِذَنَ خَمْسَة لَوْعُ وَجِنْسُ وَالْعَرْضُ الْعَامُّ بِاللَّهُ لِلَّا اللَّالِيَّاتُ إِذَنَ خَمْسَة لَوْعُ وَجِنْسُ وَ فَصَلَ وَخَاصَةً وَعَرْضُ عَامَّ ﴾

## اَلْفَصْلُ الثَّالِثُ فِي مَبَاحِثِ الْكُلِّيِّ وَالْجُزْئِيِّ وَهِي خَمْسَةً الْكُلِّيِّ وَالْجُزْئِيِّ وَهِي خَمْسَةً

اللُّوْلُ اللَّهْ اللَّهْ اللَّهُ الللللْمُ اللللْمُ اللَّهُ اللللْمُ اللَّهُ الللْمُ اللَّهُ اللَّهُ اللَّهُ اللْمُلْمُ اللَّهُ اللْمُلْمُ اللَّ

#### الثَّاني

٢٩ إِذَا قَلْنَا لِلْحَيْوَانِ مَثَلًا بِاللَّهُ كُلِّيُّ فَهُنَاكَ الْمُوْرُ ثَلْثَةً الْحَيْوَانُ مِنْ حَيْثُ هُوَ هُوَ وَكُونُهُ كُلِيًّا وَالْمُرَكَّبُ مِنْهُمَا وَالْاَرَّلُ يُسْمَى كُلِيًّا طَبَعِيًّا وَالنَّانِي كُلِيًّا مَنْطِقِيًّا وَالنَّالِثُ كُلِيًّا عَقْلِيًّا \* وَالْكُلِّيُّ الطَّبَعِيُّ الطَّبَعِيُّ مَنْطِقِيًّا وَالنَّالِثُ كُلِيًّا عَقْلِيًّا \* وَالْكُلِّيُّ الطَّبَعِيُّ الطَّبَعِيُّ مَنْ هُذَا الْحَيْوَانِ الْمَوْجُودِ فِي الْخَارِجِ وَجُزْءُ الْمُوجُودِ مَوْجُودُ \* وَامَّا الْكَلِيَّانِ الْاَخِيْرَانِ فَفِي وَجُودِهِمَا فِي الْخَارِجِ خِلاَفُ وَ النَّظُرُ فِيهِ خَارِجُ عَنِ الْمَنْطِقِ \*

#### أَلثًا لِثُ

٣٧ اَلْكُلِيَّا بِ مُتَسَاوِيَا بِ إِنْ صَدَى كُلُّ وَاحِد مِنْهُمَا عَلَى كُلِّ مَا صَدَى عَلَيْهِ الْآخُرُ كَالْانِسَانِ وَ النَّنَاطِيّ \* وَبَيْنَهُمَا عُمُومٌ وَخُصُوصٌ مُطْلَقًا إِنْ صَدَى آحَدُ هُمَا عَلَى كُلِّ مَا صَدَى عَلَيْهِ الْآخُرُ مِن غَيْر عَلْسِ كَا لَحَيْرَانِ وَ الْإِنْسَانِ \* وَبَيْنَهُمَا عَمُومٌ وَخُصُوصٌ مِنْ وَجْهِ إِنْ صَدَى كُلُّ مِنْهُمَا عَلَى بِعَضِ مَا صَدَى عَلَيْهِ الْآخُرُ الْآسَانِ وَ الْإِنْسَانِ \* وَبَيْنَهُمَا عُمُومٌ وَخُصُوصٌ مِنْ وَجْهِ إِنْ صَدَى كُلُّ مِنْهُمَا عَلَى بِعَضِ مَا صَدَى عَلَيْهِ الْآخُرُ الْآسَانِ وَ الْإِنْسَانِ وَ الْآبَيْمَ \* وَمُتَبَايِنَانِ إِنْ لَمْ يَصْدُقُ شَيْعَ مِنْهُمَا عَلَى شَيْعٍ مِمَّا يَصَدُقُ عَلَيْهِ الْآخُورُ كَالْأَنْسَانِ وَ الْقَرْسِ \*

 وَ اللَّهُ عَدَمِ كَانَ بَيْدُهُمَا تَبَايُنَ كُلِيٌّ وَإِنْ صَدَقا مَعاً كَاللَّا نُسَانِ وَاللَّا فَرْسِ كَانَ بَيْنَهُمَا تَبَايُنُ جُزُنِيٌّ فَرُورَةٌ مِدْقِ احَدِ المَّتَبَايِنِيْنِ مَعَ نَقْيِفِ الْآخَرِ فَقَطْ فَالتَّبَايُنُ ٱلْجُزْئِيِّ لاَزِمُ جَزْمًا \*

## الرابع

٢٩ ٱلْجُرْئِيُّ كَمَا يُقَالُ عَلَى الْمَعْذَى الْمَدْكُورِ الْمُسَمَّى بِالْحَقِيقِيِّ فَكَذَٰلِكَ يُقَالُ عَلَى كُلِّ اَخَصَّ تَحْتَ اَعْمَ مِنَ الْأَلِّ لِآنَّ كُلَّ جُرْئِيٍّ حَقِيقِيٍّ فَهُو جُرْئِيُّ اِفْانِيُّ اِفْانِيُّ اِفْانِيُّ اِفْانِيُّ اِفْانِيُّ الْمُعْزَنِيِ حَقِيقِيِّ فَهُو جُرْئِيُّ اِفْانِيُّ اِفْانِيُ الْمُعَنِّ الْمُعَلِّ وَالْمُعَنِّ الْمُعَلِّ وَالْمُعَنِي الْمُعَلِّ وَالْمُعَلِّ وَالْمُعْلِي الْمُعَلِّ وَالْمُعَلِّ وَالْمُعِلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعِلِي وَلَا اللَّالَامِي وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعِلِي وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعِلَّ وَالْمُعَلِي وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعِلِي وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِّ وَالْمُعَلِي الْمُعَلِّ وَالْمُعُلِّ وَالْمُعِلِي الْمُعْلِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِ وَالْمُعْلِقِي الْمُعْلِقِ وَالْمُعِلِي وَالْمُعَلِّ وَالْمُعِلِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعِلَّ وَالْمُعِلِقِي الْمُعْلِقِ وَالْمُعِلِي الْمُعْلِقِي الْمُعِلَّ وَالْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِي الْمُعْلِقِ الْمُعْلِقِي الْمُعِلِقِي الْمُعِلَّ عَلَى الْمُعْلِقِي الْمُعْلِقِي الْمُعِلِقِي

#### الخامس

سَ النَّوْعُ كَمَا يُقَالُ عَلَى مَا ذَ كَرْنَا لَا وَ يُقَالُ لَهُ النَّوْعُ الْحَقِيْقِيِّ فَكَذَٰلِكَ يُقَالُ عَلَى كُلِ مَاهِيةً يَّ فَكَذَٰلِكَ يُقَالُ عَلَى كُلِ مَاهَيةً يُقَالُ عَلَى كُلِ مَاهَيةً يُقَالُ عَلَى عَلَيْهَا وَ عَلَى عَيْرَهَا الْجَنْسُ فِي جَوابِ مَا هُوَ تَوْلًا اَرَّلِيًّا وَ يُسَمَّى النَّوْعُ الْإِضَافِيَّ \*

اس وَ مَرَاتِبُهُ اَرْبَعُ لِانَّهُ إِمَّا اَعَمُّ الْاَنْوَاعِ وَهُو النَّوْعُ الْعَالِي كَالْجِشِمِ اَوْ اَخْصُّهَا وَهُوَ النَّوْعُ السَّافِلُ كَالْإِنْسَانِ
وَ يُسَمَّى نَوْعَ الْاَنْوَاعِ اَوْ اَعَمُّ مِنَ السَّافِلِ وَ اَخْصُّ مِنَ الْعَالِي وَهُوَ النَّوْعُ النَّوْعُ الْمُتَوَسِّطُ كَالْحَيْوَانِ وَ الْجِشِمِ النَّامِي النَّامِي وَهُوَ النَّوْعُ النَّوْعُ الْمُتَوَلِّ وَ الْجِشِمِ النَّامِي الْمُعَلِّ وَ مُجَادِئَ لِلْكُلِّ وَهُوَ النَّوْعُ الْمُقَوْدُ كَالْعَقْلِ إِنْ قُلْنَا إِنَّ الْجَوْهَرِ جِنْشِ لَهُ \*

٣٣ وَ مَرَاتِبُ الْآجَنَاسِ اَيْفًا هٰذِهِ الْآرْبَعُ لَكِنَّ الْعَالِيَ كَالْجَوْهُرِ فِي مَرَاتِبِ الْآجَنَاسِ يُسَمَّى جَنْسَ الْآجَنَاسِ لَا السَّافِلِ كَالْحَيَوانِ وَمِثَالُ الْمُتَوسِّطِ فِيْهَا الْجِسْمُ النَّامِي وَالْجِسْمُ وَمِثَالُ الْمُفْرَدِ الْعَقْلُ إِنْ قُلْنَا إِنَّ الْجَوْهَرَ لَيْسَ بِجِنْسِ لَهُ \*

٣٣ وَ النَّوْعُ الْإِضَافِيُّ مَوْجُودٌ بِدُرْنِ الْحَقِيْقِيِّ كَالَّا نَوَاعِ الْمُتُوسِّطِة وَ الْحَقِيْقِيِّ مَوْجُودٌ بِدُرْنِ الْإِضَافِيِّ كَالَّا نَوَاعِ الْمُتُوسِّطِة وَ الْحَقِيْقِيِّ مَوْجُودٌ بِدُرْنِ الْإِضَافِيِّ كَالْاَنْوَاعِ الْمُتَوَّقِيمَا عَلَى كَالْحَقَائِقِ الْبَسِيْطَةِ فَلَيْسَ بَيْنَهُمَا عُمُومٌ وَ خُصُوصٌ مُطْلَقًا بَلْ كُلُّ مِنْهُمَا اعَمَّ مِنَ الْآخَرِ مِنْ وَ جَه لِصِدْقهِمِا عَلَى النَّوْعِ السَّافِلِ \*

عه وَ جُزْءُ الْمُقُولِ فِي جَوابِ مَاهُوَ اِنْ كَانَ مَدْكُورًا بِالْمُطَامَقَةِ يُسَمَّى وَاقِعًا فِي طَرِيقٍ مَا هُوَ كَالْحَيْرَانِ وَ النَّاطِقِ بِالنِّسْبَةِ النِّي الْحَيْرَوانِ النَّاطِقِ الْمَقُولِ فِي جَوَابِ السَّوَالِ بِمَا هُوَ عَنِ الْاَنْسَانِ \* وَ اِنْ كَانَ مَدْكُورًا بِالنَّضَمُّنِ يَسَمَّى دَاخَلًا فِي جَوَابِ مَا هُو كَالْجِشْمِ النَّامِيْ وَ الْحَسَّاسِ وَ الْمُتَّحَرِّفِ بِالْاِرَادَةِ الدَّالِ عَلَيْهَا الْحَيْوَانَ بِالتَّضَمُّنِ . وَالْحَسَّاسِ وَ الْمُتَّحَرِّفِ بِالْاِرَادَةِ الدَّالِ عَلَيْهَا الْحَيْوَانَ بِالتَّضَمُّنِ .

٥٣ و الْجِنْسُ الْعَالِيُ جَارَ أَنْ يَكُونَ لَهُ فَصْلُ يُقَوِّمُهُ لِجَوَا رِ تَركَّبِهِ مِنْ اَمْرَيْنِ مُتَسَاوِيَهِنِ اَوْ مُمَنَّسَاوِيَةٍ وَيَجِبُ اَنْ يَكُونَ لَهُ فَصْلُ يُقَرِّمُهُ • وَ النَّوْعُ السَّافِلُ يَجِبُ اَنْ يَكُونَ لَهُ فَصْلُ يُقَرِّمُهُ • وَ النَّوْعُ السَّافِلُ يَجِبُ اَنْ يَكُونَ لَهُ فَصُولُ يُقَرِّمُهَا وَفَصُولُ تُقَسِّمُهَا • وَيُمْتَلِعُ السَّافِلُ تُقَرِّمُهَا وَفُصُولُ تُقَسِّمُهَا • وَكُلُّ فَصْلِ يُقَوِّمُهَا وَفُصُولُ تُقَسِّمُهَا • وَكُلُّ فَصْلِ يُقَوِّمُهُا وَفُصُولُ تُقَسِّمُهَا • وَكُلُّ فَصْلِ يُقَوِّمُهُا وَفُصُولُ تُقَسِّمُ السَّافِلَ فَهُو يَقُسِّمُ السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَيْهِ السَّافِلَ عَلَى السَّافِلَ اللَّهُ اللَّيْ وَلَا لَا السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ عَلَى السَّافِلَ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّي عَلَى السَّافِلَ عَلَى السَّافِلَ الْمَالِي السَّافِلُ اللَّهُ اللَّهُ السَافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَافِلَ اللَّهُ السَّافِلَ السَافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلُ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلَ السَّافِلُ السَّافِلَ السَّافِلَ السَافِلَ السَّافِلَ السَّافِلُ السَّافِلَ السَّافِلَ السَافِلَ السَّافِلُ السَّافِلُ السَافِلَ السَافِلَ السَافِلَ السُولَ السَلَّالَ السَلَّالَ السَافِلَ السَافِلُ ا

### • الْفُصلُ الرَّابِعُ فِي التَّعْرِيْفَاتِ

٣٩ المُعَرِّفُ لِلسَّيْمِ هُوالَّهِ عَي يَسْتَلْزِمُ تَصَوَّرُهُ تَصَوِّرَ فَالِكَ الشَّيْمِ اَوا مُتِيَازَهُ عَنْ كُلِّ مَا عَدَاهُ \*
وَهُولاَ يَجُورُ ان يَكُونَ نَفْسَ الْمَاهِيَّةِ لِآنَ الْمُعَرِّفَ مَعْلُومٌ قَبْلَ الْمُعَرِّفِ وَالشَّيْمِ لَا يُعْلَمُ قَبْلَ نَفْسِهِ وَلاَ اعْمُورُهُ وَالشَّيْمِ لَا يُعْلَمُ قَبْلَ نَفْسِهِ وَلاَ اعْمُورُهِ عَنْ إِنَادَةِ الشَّعْرِيْفِ وَلاَ المُعَرِّفِ مَسَاوِلِهَا فِي الْعُمُومِ وَ الْخَصُومِ \*
لِقُصُورِة عَنْ إِنَادَةِ النَّعْرِيْفِ وَلاَ اَخْصَ لِمُولِقِ الْمُقْمِى فَهُو مُسَاوِلِهَا فِي الْعُمُومِ وَ الْخَصُومِ \*
لِقُصُورِة عَنْ إِنَادَةِ النَّعْرِيْفِ وَلاَ الْحَصَّ لِمُولِقِهِ الْمُقْمِى فَهُو مُسَاوِلِهَا فِي الْعُمُومِ وَ الْخَصُومِ \*
لِقُصُورِة عَنْ إِنَادَةِ اللَّهُ عَلَيْهِ اللَّهُ عَلَى الْمُعَرِّفِ وَلاَ الْمُعَرِّفِ وَلاَ الْعَلَى الْمُعَرِّفِ وَالْمُعَلِّمِ الْعَلَى الْعَرِيْدِ فَي الْعَمْولِ الْقَولِيْدِ وَلَا اللَّهُ عَلَيْهِ اللهِ الْعَلَمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِي الْعَلَمُ الْمُعَلِي الْعَلَمُ الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِي الْمُعَلِي الْمُعَلِيْنِ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِيْفِ الْمُعَلِّمُ الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُولِيْفِي الْمُعَلِي الْمُعِلَى الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعَلِي الْمُعْلِي الْمُعْلِي الْمُعَلِي الْمُعِلِي الْمُعْلِي الْمُعَلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعِلِي الْمُعَلِي الْمُعِلِي الْمُعَلِي الْمُعِلِي الْمُعْلِي الْمُعِلِي الْمُعِلِي

٣٨ رَ يَجِبُ الْإِحْتِرَارُ عَنْ تَعْرِيْفِ الشَّيْعِ بِمَا يُسَاوِيْهِ فِي الْمَعْرِفَةِ وَ الْجَهَالَةِ كَتَعْرِيْفِ الْحَرَكَةِ بِمَا لَيْسَ بِسُكُونِ وَالزَّوْجِ بِمَا لَيْسَ بِفَرْدِ وَعَنْ تَعْرِيْفِ الشَّيْعِ بِمَا لَا يُعْرَفُ اللَّهِ سَوَاءً كَانَ بِمَرْتَبَةٍ وَاحِدَةً كَمَا يُقَالُ الْكَيْفِيَّةُ مَا بِهَا يَقَعُ الْمُشَابَهَةُ ثُمَّ يُقَالُ الْمُشَابَهَةُ إِنِّفَاقُ فِي الْكَيْفِيَّةِ اَ وْبِمَرَاتِبَ كَمَا يُقَالُ الْإِثْنَانِ وَكُمَا يُقَالُ الْإِثْنَانِ وَكُمْ يَقَالُ الْمُشَابِعَةُ وَمُ يَقَالُ الْمُشَابِعَةُ وَمُ يَقَالُ اللَّهُ إِن يَعْفَلُ إِنْ يَعْمَالُ اللَّهُ إِن لَا يَقْفَلُ اللَّهُ عَلَى اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللللْهُ اللَّهُ اللَّهُ اللللْهُ اللَّهُ الللْهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللِهُ الللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللل

#### أَلْمُقَالَةً الثَّانيَة

في الْقَضَايَا وَاحْتَامِهَا وَفِيْهَا مُقَدِّمَةً وَثَلَاثَةً فُصُولِ اَمَّا الْمُقَدِّمَة فَفِي تَعْرِيْفِ الْقَضِيَّة وَاقْسَامِهَا الْاَرْلَيْة \*
وَ الْقَضَايَا وَ الْقَضِيَّةُ قُولُ لَيْ يَصِحُّ اَنْ يُقَالَ لِقَائِلِهِ إِنَّهُ صَادِقُ فِيْهِ اَوْكَا فِي لَوْ وَهِي حَمْلِيَّةً اِنِ انْحَلَّتُ وَهِي حَمْلِيَّةً اِنِ انْحَلَّتُ اللهِ وَشَرَطِيَّةً اِنَ لَمُ تَنْحَلَّ \*
وَ شَرْطَيَّةً اِنَ لَمُ تَنْحَلَّ \*
وَ شَرْطَيَّةً اِنَ لَمُ تَنْحَلَ فَهُو مَيْهَا لِقَائِلَة لِقَائِلَة لِيَهُ اللهِ وَشَرَطِيَّةً اِنَ لَمُ تَقْدِيْرِ مِدْق قَضِيَّة الْحَرْمِي اللَّيْ يَكُمُ فَيْهَا بِصِدَق قَضِيَّة اللهُ وَيَهُا اللهُ ا

# اَلْفَصْلُ الْاَوَّلُ فِي الْحَمْلِيَّةِ وَفِيْهِ الْرَبْعَةُ مَبَاحِثُ الْفَصْلُ الْاَوَّلُ فِي الْحَمْلِيَّةِ وَفِيْهِ الْرَبْعَةُ مَبَاحِثُ الْاَوْلُ فِي الْجَزَائِهَا وَاقْسَامِهَا \*

اع وَالْحَمْلِيَّةُ اِنَّمَا يَتَحَقَّقُ بِاجْزَاءِ ثَلْثَةَ الْمَحْكُومُ عَلَيْهِ وَ يُسَمَّى مَوْضُوعًا وَالْمَحْكُومُ بِهِ وَ يُسَمَّى صَحُمُولًا وَنَشِيَةً بِيَنْهُمَا بِهَا يُرْتَبِطُ الْمَحْمُولُ بِالْمُوضُوعِ وَتُسَمَّى نَشِبَةً حُكُمِيَّةً وَ اللَّفْظُ الدَّالُّ عَلَيْهَا يَسْمَى يَسْمَى وَالسَّعْفُو فِي وَتُسَمَّى نَشِبَةً حُكُمِيَّةً وَ اللَّفْظُ الدَّالُ عَلَيْهَا يَسْمَى وَالْطَةً فَهُو فِي وَتُسَمَّى الْمُعُورِ الذَّهْنِ تُولِنَا وَيُعَلِّمُ وَيُسَمَّى الْقَضِيَّةُ حَيْنَانُو تُلَايِّيَةً ﴿ وَقَلْ يُحْذَفُ الرَّابِطَةُ فِي بَعْضِ اللَّعَاتِ لِشَعُورِ الذَّهْنِ بَعْضَ اللَّعَاتِ لِشَعُورِ الذَّهْنِ بَعْضَ اللَّعْمَاتِ لِشَعُورِ الذَّهْنِ بَعْضَ اللَّهُ فَي بَعْضِ اللَّعْمَاتِ لِشَعُورِ الذَّهْنِ بَعْمَاهًا فَالْقَضِيَّةُ حِيْنَانُهُ تُسَمَّى الْنَائِيَّةُ \*

٣٦ وَ هُذِهِ النِّسْبَةُ إِنْ كَانَتُ نِسْبَةً بِهَا يَصِمُّ اَنْ يُقَالَ آنَّ الْمُوْضُوعَ مَحُمُولُ فَالْقَضِيَّةُ مُوْجِبَةً كَقُولُنَا الْإِنْسَانُ حَيُوانً وَالْتَصْبَيَّةُ سَالِبَةً كَقُولُنَا الْأَنْصُوضُوعَ لَيْسَ بِمَحْمُولٍ فَالْقَضِيَّةُ سَالِبَةً كَقُولُنَا الْإِنْسَانُ لَيْسَ بِمَحْمُولٍ فَالْقَضِيَّةُ سَالِبَةً كَقُولُنَا الْأَنْسَانُ لَيْسَ بِمَحْمُولٍ فَالْقَضِيَّةُ سَالِبَةً كَقُولُنَا اللهَ اللهُ اللهُ اللهَ اللهُ ا

سَاعِ وَمُوْضُوعُ الْحَمْلِيَّةِ إِنْ كَانَ شَخْصًا مُعَيَّنَا سُمِيَتَ مُخْصُوصَةً وَشَخْصِيَّةً \* وَ اِنْ كَانَ كُلِيَّا فَانِ بُيِنَ فَيْهَا كَرِيَّةُ وَمُونَ وَ مُسُورًا سُمِيِّتُ مُحْصُورَةً وَ مُسُورًةً وَ مُسُورًةً وَ هُيَ اللَّفْظُ الدَّالُّ عَلَيْهَا سُورًا سُمِيِّتُ مُحْصُورَةً وَ مُسُورًةً وَ مُسُورًةً وَ مُسُورًةً وَ هُيَ اللَّهُ الدَّالَ عَلَيْهَا سُورًا سُمِيِّتُ مُحَصُورَةً وَ مُسُورًةً وَ مُسُورًةً وَ هُيَ اللَّهُ الدَّالَ اللَّهُ الدَّالَ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللللْمُ الللَّهُ اللَّهُ اللللْمُولِلْم

## البَحْتُ التَّانِي فِي تَحقيقِ الْمُحَصُورَاتِ الْأَرْبَعِ

عاع قَوْلُنا كُلُّ جَ بَ تُسْتَعْمَلُ تَارَةً بِحَسَبِ الْحَقِيقَةِ وَمَعْمَلَهُ اَنَّ كُلَّ مَا اَوْ وَجِدَ كَانَ جَ مِنَ الْاَفْرَادِ الْمُمْكَنَةِ فَهُوَ مَلْزُومٌ بَ وَتَارَةً بِحَسَبِ الْحَارِجِ وَمَعْنَا ءُ فَهُو بَعْدَدُ وَيَا لَوْ أَنْ كُلُّ مَا هُو مَلْزُومٌ جَ فَهُو مَلْزُومٌ بَ وَتَارَةً بِحَسَبِ الْحَارِجِ وَمَعْنَاءُ وَمَعْنَاءُ كُلُّ جَ فِي الْخَارِجِ سُواءً كَانَ حَالَ الْكُمْمِ اوْ قَبْلُهُ اوْبَعْدَةً فَهُو بَ فِي الْخَارِجِ وَالْفَرْقُ بَيْنَ الْإِعْتِبَارِينِ فَلَاهُ وَاللَّهُ لَوْلَمُ يُوجَدُ شَيْعً مِنَ الْمُرَبَّعَاتِ فِي الْخَارِجِ لَصَعَ آنَ يُقَالَ كُلُّ مُرَبَّع شَمْلُ بِالْإِعْتِبَارِ الْآولِ دُونَ النَّانِينَ وَ لَوْلَمُ يُوجَدُهُ مِنَ الْاَشْكَالِ فِي الْخَارِجِ لِلَّا الْمُرَبَّعُ لَصَعَ آنَ يُقَالَ كُلُّ مُرَبَّع مَنَ الْاَشْكَالِ فِي الْخَارِجِ إِلَّا الْمُرَبَّعُ لَصَعَ آنَ يُقَالَ كُلُّ مُرَبَّع مَنَ الْاَشْكَالِ فِي الْخَارِجِ إِلَّا الْمُرَبَّعُ لَصَعَ آنَ يُقَالَ كُلُّ مُرَبَّع مَنَ الْاَشْكَالِ فِي الْخَارِجِ إِلَّا الْمُرَبَّعُ لَصَعَ آنَ يُقَالَ كُلُّ مُكَلِّ مُرَبِع بِالْاعْتِبَارِ الْآلَانِي ذُونَ النَّانِي ذُونَ الْآلَانِي دُونَ الْآلَانِي ذُونَ الْآلَانِي ذُونَ الْآلَانِي ذُونَ الْآلَوْلِ \* وَعَلَى هٰذَا فَقِسِ الْمَحْصُورَاتِ الْبَاقِيَةَ \*

## ٱلْبَحْثُ الثَّالِثُ فِي الْعُدُولِ وَالتَّحْصِيلِ

ه م حَرَفُ السَّلَبِ إِنْ كَانَ جُزْءً مِنَ الْمَوْضُوعِ كَقَوْلِنَا اللَّحَيُّ جَمَادُ أَوْمِنَ الْمَحْمُولِ كَقَوْلِنَا اللَّحَيُّ جَمَادُ أَوْمِنَ الْمَحْمُولِ كَقَوْلِنَا اللَّحَيُّ جَمَادُ أَوْمِنَ الْمَحْمُولِ كَقَوْلِنَا اللَّحَيُّ جَمَادُ أَوْمِنَا الْمَعْمَا جَمِيْعَا سُمِيتِ الْقَضَيَّةُ مَعْدُولَةً مُوْجِبَةً كَانَتُ اوْسَالِبَةً وَإِنْ لَمْ يَكُنُ جُزَءَ شَيْئٍ مِنْهُمَا سُقِيَتُ مُحَتَّلَةً الْكَانَتُ مُوجِبَةً وَبُسِيْطَةً إِنْ كَانَتُ سَالِبَةً \*

هُ عَ وَ الْاعْتَدَارُ بِا يُجَابِ الْقَضِيَّةِ وَسَلْمِهَا بِالنِّسْدَةِ التَّدُوثِيَّةِ وَ السَّلْبِيَّةِ لاَ بِطَرْفَعِي الْقَضِيَّةِ فَانَّ قُولُنَا كُنُّ مَا لَيْسَ بَحَيِّ فَهُو لَعَالِمُ مُوْجِبَةً مَعْ آنَّ طَرْفَيْهَا عَدَمِيَّانِ وَقُولُنَا لِاشْدَى مِنَ الْمُتَّحَرِّكِ بِسَاكِنِ سَاكِنَ مَعْ آنَ طَرْفَيْهَا وُجُودِيَّانِ \*

٢٧ وَ السَّالِبَةُ الْبَسِيطَةُ أَعُمُّ مِنَ الْمُوجِبَةِ الْمُعْدُولَةِ الْمَحْمُولِ لِصِدْقِ السَّلَبِ عِنْدَ عَدَمِ الْمَوْضُوعِ

دُونَ الْاَيْجَابِ فَإِنَّ الْاِيْجَابَ لَا يَضِعُ إِلَّا عَلَىٰ مَوْجُودُ مُحَقَّقٍ كَمَا فِي الْخَارِجِيَّةِ الْمُوْضُوعِ أَوْمُعُدَّرٍ كُمَا فِي الْكَفْرِ الْمُوضُوعِ أَمَّا الْإِلَا كَانَ الْمُوضُوعُ مَوْجُودًا فَانَّهُمَّا مُثَلًا رِمَتَانِ \* وَالْفَرْقُ بَيْنَهُمَا فِي اللَّفْظِ إَمَّا فِي اللَّفْظِ أَمَّا وَامَا لَكُو فَيْ اللَّهُ وَيَعْقِبُهُ أَلُو الْمُوضُوعِ اللَّالِمُ اللَّهُ عَلَى حَرْفِ السَّلْبِ وَسَالِبَةً أَنَ الْخَرْتُ عَلَهَا وَامَا وَيَ اللَّهُ فِي اللَّهُ اللْمُعْمِلُولُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللللَّهُ اللَّهُ اللللللَّ

## ٱلْبَحْثُ الرَّابِعُ فِي الْقَضَايَا الْمُوَجَّهُةِ

١٥٨ لَا بُدَّ لِنِسْبَةِ الْمَحْمُولَاتِ إِلَى الْمَوْضُوعَاتِ مِنْ كَيْفِيَّة إِنْجَابِيَّةً كَانَتِ النِّسْبَةُ اوْ سَلْمِيَّةٌ كَانَضُّرُورُةٍ وَاللَّهُ فَا لَا اللَّهُ عَلَيْهَا يُسَمَّى وَ اللَّهُ وَاللَّهُ فَا الدَّالُّ عَلَيْهَا يُسَمَّى وَ اللَّهُ فَا الدَّالُ عَلَيْهَا يُسَمَّى جَهَةً الْقَضِيَّةِ \*

وع وَ (الْقَضَايَا الْمُوجَّهَةُ النَّهِي جَرَتِ الْعَادَةُ بِالْبَصْثِ عَنْهَا وَعَنْ اَحْكَامِهَا ثَلَثَ عَشَرَةَ قَضِيَّةٌ مِنْهَا بَسِيطَةً وَهِيَ النَّهِيَ حَقَيْقَتُهَا الْكَانُ قَفُ الْمُسَلِّمَةُ وَهِيَ النَّهِيَ حَقَيْقَتُهَا تَرَكَّبَتُ مِنْ السَّيْطَةُ وَهِيَ النَّهِيَ حَقَيْقَتُهَا تَرَكَّبَتُ مِنْ النَّهِيَ النَّهِيَ حَقَيْقَتُهَا تَرَكَّبَتُ مِنْ النَّهَا وَسَلْبِ مَعًا \*

١٥ أمَّا البِّسَائِكُ فَستَ

#### ٱلْأُولِي

الضُّرُورِيَّةُ الْمُطْلَقَةُ وَ هِيَ الَّنِي تُحُكَمُ وَيُهَا بِضُرُورَةِ تُبُوْتِ الْمَحَمُّولِ لِلْمَوْضُوعِ اَوْ سَلَبِهِ عَنْهُ مَا دَامَ ذَاتُ الْمَوْضُوعِ مَوْجُودَةً كَقَوْلَنِا بِالضُّرُورَةِ كُلُّ إِنْسَانٍ حَيَّوَانُ وَبِالفُّرُورَةِ لِأَشَيْئَ مِنَ الْإِنْسَانِ بِحَجَّرِ \*

#### ٱلثَّا نيَّةً

النَّائِمَةُ الْمُطْلَقَةُ وَ هِيَ الَّتَهِيُّ تُكْمُمُ فِيْهَا بِدَوَامِ ثُبُوْتِ الْمَحْمُولِ لِلْمَوْضُوَعِ اوَ ْسَلَيْمِ عَنْهُ مَا ذَا مَ ذَاتُ الْمَوْضُوعِ مَوْجُودَةٌ وَمِثَا لُهَا إِنْجَابًا وَسَلَيًا مَامَرً \*

#### أَلنَّا لَثُمَّ اللَّهُ

الْمَشُرُوطَةُ الْعَاصَّةُ وَ هِيَ النَّهِيُ تُتُعْكُمُ فَيْهَا بِضِّرُوْرَةً ثُبُوْتِ الْمَحْمُولِ لِلْمَوْضُوعِ أَوْ سَلْدِهِ عَنْهُ

بِشَرْطِ وَصْفِ الْمُوضُوعَ كُقُولِذًا بِالضَّرُورَةِ كُلُّ كَا تِبِ مُتَّصَرِّكُ الْاَصَابِعِ مَا دَامَ كَا تِبًا وَبِالضَّرُورَةِ لاَ شَيْئَ مِنَ الْكَاتِبِ بَسِاكِنَ الْاَصَابِعِ مَا وَامَ كَالِبُنا ﴾

### الرَّابِعَةُ

الْعَرْفِيَّةُ الْعَامَّةُ وَ هِيَ الَّذِي تُحْكَمُ فَيْهَا بِذَوامِ تُبُوْتِ الْمُحَمَّوْلِ لِلْمَوْضُوعِ . أَوْ سَلْمِهُ عَنْهُ بِشَرْطِ وَصْفِ الْمُوْضُوعِ وَ مِثْنَالُهَا (يُجَابُ وَ سَلْبُا مَامَرًّ \*

#### ألخا مسة

#### ألسار سنة

الْمُمْكِنَةُ الْعَاصَّةُ وَهِيَ الَّتِي تُحَكَمُ فِيهَا بِارْ تِفَاعِ الضَّرُّوْرَةِ الْمُطْلَقَةِ عَنِ الْجَانِبِ الْمُخَالِفِ لِلْحَيْمِ كَقُولِيْهَ الْمُكَانِ الْعَامِ الْصَّرُّورَةِ الْمُطْلَقَةِ عَنِ الْجَانِبِ الْمُخَالِفِ لَلْكَيْمِ كَقُولِيْهَ بِالْإِمْكَانِ الْعَامِ لاَشَيْقَ مِنَ الْحَارِبِيَا رِدٍ \*

ا الله وَأَمَّا الْمُركَّبَاتُ فَسَبُّعُ

#### ٱلْأُوْلَى

الْمَشُرُوطَةُ الْخَاصَّةُ وَهِيَ الْمَشُرُوطَةُ الْعَاصَّةُ مَعَ قَيْدِ اللّا دَوَامِ بِحَسَبِ النَّاتِ وَهِيَ إِن كَانَتُ مُوْجِبَةً مُشُرُوطَةً عَامَّةً كَقُولِنَا بِالضَّرُورَةِ لَا شَيْرَكَيْبُهَا مِنْ مُوْجِبَةٍ مَشُرُوطَةً عَامَّةً وَسَالِبَةً مُطَلَقَةً عَامَّةً مَ مُطْلَقَةً عَامَّةً مِنْ الْكَاتِبِ بِسَاكِنِ الْاَصَابِعِ مَا دَامَ كَاتِبًا لِا لَضُرُورَةٍ لَا شَيْحَى مِنَ الْكَاتِبِ بِسَاكِنِ الْاَصَابِعِ مَا دَامَ كَاتِبًا لَا لَاللّهُ مُطْلَقَةً عَامَّةً مَ اللّهُ الللّهُ اللّهُ اللّهُ اللّهُ الللللّهُ اللّهُ الللّهُ الللللّهُ الللللللللللللّهُ اللللللللللل

#### أَ لَثَّا نَيْةً

الْعُرُفِيَّةُ الْخَاصَّةُ وَهِيَ الْعُرُفِيَّةُ الْعَاصَّةُ مَعْ فَيْدِ اللَّادُ وَامِ بِحَسَبِ الذَّاتِ وَهِيَ اِنْ كَانَتْ مُوْجِبَةٌ فَتَرْكِيْبُهَا مِنْ سَالِبَةٍ عُرُفِيَّةٍ عَامَّةٍ وَمُوْجِبَةٍ مِنْ مُوْجِبَةٍ عُرُفِيَّةٍ عَامَّةٍ وَمُوْجِبَةٍ مُطْلَقَةٍ عَامَّةٍ وَمُوجِبَةٍ مُطْلَقَةٍ عَامَّةٍ وَمُوجِبَةٍ مُطْلَقَةٍ عَامَّةٍ وَمُوجِبَةٍ مُطْلَقَةً عَامَّةٍ وَمُوجِبَةٍ مُطْلَقَةً عَامَّةٍ وَمِثَالُهَا إِنْجَابًا وَسُلَبًا مُامَرً \*

#### ألتًا لئنة

اثُوجُوْدِيَّةُ اللَّضَّرُوْرِيَّةٌ وَهِيَ الْمُطْلَقَةُ الْعَامَّةُ مَعَ قَيْدِ اللَّاضَرُورَةِ بِحَسَبِ النَّاتِ وَهِيَ إِنْ كَانَتُ مَوْجِبَةً كَقُولِنَا كُلُّ اِنْسَانٍ ضَاحِكُ بِالْفِعْلِ لَا بِالضَّرُورَةِ فَتَرْكِيْبُهَا مِنْ مُوجِبْة مُطْلَقَة عامَّة وَسَالِبَة مَمْكُنَة عامَّة وَاللَّهُ مَمْكُنَة عامَّة وَاللَّهُ مَمْكُنَة عامَّة وَالْ لَا الشَّرُورَة فَتَرْكِيْبُهَا مِن سَالِبَة مَطَلَقَة عَامَّة وَمُوجِبَة مَمْكُنَة عَامَّة هِ وَمُوجِبَة مُمْكُنَة عَامَّة \*

#### الرابعَةَ

الرُجُودِيَّةُ اللَّادَائِمَةٌ وَهِيَ الْمُطْلَقَةُ الْعَامَّةُ مُعَ قَيْدِ اللَّادَوَامِ بِحَسَبِ الدَّاتِ رَهِيَ سَوَاءً كَانَتُ مُوْجِبَةً وَالْاَخْرَجِلَ سَالِبَةً وَ مِثَالُهَا إِنْجَابًا وَسَالِبَةً وَ الْاَخْرَجِلَ سَالِبَةً وَ مِثَالُهَا إِنْجَابًا وَسَالِبَةً وَ الْاَخْرَجِلِ سَالِبَةً وَ مِثَالُهَا إِنْجَابًا وَسَلَبًا مَا مَرَّ \*

#### ألخا مسة

الرَّوْقَلَيْةُ وَهِيَ اللَّهِي تُحْكُمُ فِيهَا بِضَرُورَةِ تُبُوْتِ الْمَحْمُولِ لِلمَوْفُوعِ اوْسَلَيْهِ عَنْهُ فِي وَقْتِ مُعَيَّى مِنَ اوْقَاتِ وَهِي الْ كَانَتُ مُوجِبَةً كَقُولِنَا بِالضَّرُورَةِ كُلُّ قَمَرٍ مُنْخَسِفَ وَتُقِي مَوْجِبَةً وَقَتِيمةً مُطْلَقةً مُطْلَقةً وَمُورَةً الشَّمْسِ لاَدَائِمًا فَتَركِيبُها مِنْ مُوجِبَةً وَقَتِيمةً مُطْلَقةً وَسَالِبَةً مُطْلَقةً مَا التَّمْسِ لاَدَائِمًا فَتَركِيبُها مِنْ مُوجِبَةً وَقَتِيمةً مَطْلَقةً وَمُوجِبَةً مُطْلَقةً عَامَّةً عَامَّةً عَامَّةً مَا التَّمْ مِنْ الْقَمْرِ بِمُنْجَسِفِ وَقَتِيَّةً مُطْلَقةً وَمُوجِبَة مُطْلَقةً عَامَّةً عَامَّةً عَامَّةً عَامَّةً عَامَّةً عَامَةً عَلَيْهِ مُطْلِقةً عَامَةً عَلَاهُ عَلَى اللَّهُ مِنْ الْفَعَمْ عِنْ مَالِئِقً مِنْ مَالِئِةً مُعَالِقةً عَامَةً عَامَةً عَامَةً عَامَةً عَامَةً عَامَةً عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَيْهِ عَلَيْهُ عَلَى اللَّهُ عَلَيْهُ عَلَيْهُ عَلَى اللَّهُ عَلَاقةً عَامَةً عَلَيْهُ عَلَيْهُ عَلَى اللَّهُ عَلَيْهُ عَلَيْهُ عَلَى الْعَلَقة عَامَةً عَلَى الْعَلَقة عَلَى الْعَلَقة عَامَةً عَلَا عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَا عَلَقةً عَامَةً عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَى الْعَلَقة عَلَى الْعَلَقة عَلَيْهُ عَلَيْهُ عَلَى الْعَلَقة عَلَاقة عَامَةً عَلَى الْعَلَقة عَلَى الْعَلَقة عَلَى الْعَلَقة عَلَى الْعَلَقة عَلَى الْعَلَقة عَلَى الْعَلَقة عَلَا عَلَق عَلَيْهُ عَلَى الْعَلَقة عَلَى اللّهُ عَلَيْهُ عَلَى الْعَلَقة عَلَالِهُ عَلَى الْعَلَقة عَلَاقة عَلَى الْعَلَقة عَلَاقة عَلَى الْعَلَقة عَلَاقة عَلَا عَلَقه عَلَا عَلَيْهُ عَلَا عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَا عَلَقه عَلَاقة عَامِة عَلَاقة عَلَاقة عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَيْهُ عَلَا عَلَيْهُ عَلَيْهُ عَلَا عَلَقه عَلَاقة عَلَاقة عَلَاقة عَلَاقة عَل

#### أَلْسًا رَسُمُّ

#### السابعة

الْمُهُكُنَةُ الْخَاصَّةُ وَهِيَ النَّنِي تُحْكَمُ فِيهَا بِارْتِفَاعِ الضَّرُورَةِ الْمُطْلَقَةِ عَنْ جَانِبَي الْوُجُودِ وَ الْعَدَمِ جَمِيْعًا وَهُو الْمُمُكُنَةُ الْخَاصِ لَا شَيْعًا وَهُو الْمُطَلَقَةِ عَنْ جَانِبَي الْوُجُودِ وَ الْعَدَمِ جَمِيْعًا وَهُو سُواءً كَانَتُ مُوجِبَةً كَقُولِنَا بِالْإِمْكَانِ الْخَاصِ لَا شَيْعًا مِن الْمَكَانِ الْخَاصِ لَا شَيْعًا مَن اللَّذَوامَ الْفَاتِ بَكَاتِبَ فَتَرْكِيْبَهَا مِنْ مُمْكِنَتَيْنِ عَامَّتَيْنِ إِحْدَالُهُمَا مُوجِبَةً وَ الْأَخْرَى سُالِبَةً وَ السَّابِعَةُ وَ السَّابِعَةُ وَ السَّابِعَةُ وَ السَّابِعَةُ وَ السَّالِيَةَ وَ السَّابِعَةُ وَ السَّابِعَةُ وَ السَّابِعَةُ وَ السَّابِ الْمُعْلَقِةِ عَامَّةً مِنْ مُمْكِنَةً عَامَّةً مِ عَامَةً مَ الْمُقَدِيةِ إِلَى مُمْكِنَةً عَامَةً مَا أَنَّ اللَّذَوامَ مَا اللَّهُ مُوافِقَتَي الْمُتَيَّةِ لِلْقَضِيَّةِ الْمُقَدِّدَةِ إِلِهِمَا مِنْ مُمْكِنَة إِلَى مُمْكِنَةً عَامَةً مَا اللَّهُ اللَّهُ مَا أَنْ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ مُوافِقَتَي الْمُقَدِيةِ الْمُقَدِيةِ إِلْمَالُولُهُ اللَّهُ اللَّهُ مُولُولِةً اللَّهُ الللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللللْهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللْهُ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ الللْهُ اللْمُ اللَّهُ اللْهُ اللْهُ اللْمُلِقِلِي الللَّهُ الللْهُ اللَّهُ اللللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللَّهُ اللْهُ اللْهُ اللْهُ اللْهُ اللَّهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللْهُ اللَّهُ اللْهُ اللْهُ اللْهُ الللْهُ اللَّهُ الللللْهُ اللَّهُ اللللْهُ الللْهُ اللللْهُ اللْهُ الللللْهُ الللللْهُ اللللْهُ الللللْهُ الللْهُ الللْهُ الللِهُ اللللْهُ الللللْهُ اللللِّهُ اللللْهُ الللِهُ

### ٱلْفَصْلُ التَّانِيْ فِي أَقْسَامِ الشَّرْطِيَّةِ

و هِيَ النَّهَ يَكُونُ فِيْهَا صِدْقُ النَّالِي عَلَى تَقَدِيْرِ صِدْقِ الْمُقَدَّمِ لِعَلَاقَة بَيْنَهُمَا تُوجِبُ ذَلِكَ كَالْعَلَيَّةِ وَالنَّضَايُفِ وَهِيَ النَّاعِيَّةِ وَالنَّضَايُفِ وَهِيَ النَّهَ يَكُونُ فِيْهَا صِدْقُ النَّالِي عَلَى تَقْدِيْرِ صِدْقِ الْمُقَدَّمِ لِعَلَاقَة بَيْنَهُمَا تُوجِبُ ذَلِكَ كَالْعَلَيَّةِ وَالنَّضَايُفِ وَهِيَ النَّقَادِيْرِ عِدْقِ الْمُقَدَّمِ لِعَلَاقَة بَيْنَهُمَا تُوجِبُ ذَلِكَ كَالْعَلَيَّةِ وَالنَّضَايُفِ وَالنَّضَايُّ اللَّهُ الْمُقَدِّمِ تَوَافَقِ الْجُزْنَيْنِ عَلَى الصَّدُقِ كَقَوْلِنَا إِنْ كَانَ الْإِنْسَانُ نَاطِقًا وَالنَّافِي الْمُقَدِّمِ لَهُ اللَّهُ لَكِلَ لِلْمُجَرِّدِ تَوَافَقِ الْجُزْنَيْنِ عَلَى الصَّدُقِ كَقَوْلِنَا إِنْ كَانَ الْإِنْسَانُ نَاطِقًا لَوْ الْحَمَارُ نَاهِقُ فَي

وه وَ سَالِبَةً كُلِّ وَاحِدَةً مِنْ هَذِهِ الْقَضَايَا النَّمَانِ هِنِي الَّذِي يُرْفَعُ فَيْهَا مَا حُكِمَ بِهِ فِي مُوجِبَتِهَا فَسَالِبَةً النَّهُ وَسَالِبَةً وَسَالِبَةً وَسَالِبَةً الْوَقِيقَ وَسَالِبَةً الْآتِفَاقِ تُسَمَّى سَالِبَةً اِتَّفَاقِيَّةً \* الْكُرُومِيَّةُ وَسَالِبَةً الْآتِفَاقِ تُسَمَّى سَالِبَةً الْقَاقِيَّةً \* اللَّهُ وَسَالِبَةً اللَّهُ الللللَّالَةُ اللَّهُ اللَّاللَّالَةُ الللللَّاللَّاللَّاللَّهُ اللللللَّاللَّهُ اللللللَّاللَّا ال

٥٥ وَ الْمُتَّصِلَةُ الْمُوْجِبَةُ تَصَدُّقُ عَنْ صَادِقِيْنِ وَعَنْ كَاذِبِيْنِ وَعَنْ صَجْهُوْلِ الصِّدْقِ وَ الْكِذَبِ وَعَنْ مَجْهُوْلِ الصِّدْقِ وَ الْكِذَبِ وَعَنْ مَجْهُوْلِ الصِّدْقِ وَ الْكِذَبِ وَعَنْ مَعْهُوْلِ الصِّدْقِ وَ الْكِذَبِ وَ عَنْ مَخْهُولِ الصِّدْقِ وَ الْكَاذِبِ وَ عَنْ مَعْدَمْ مِ كَاذِبِيْنِ مَعْدَمْ مِ كَاذِبِيْنِ عَنْ مُقَدَّمٍ كَاذِبِيْنِ وَعَنْ مَقَدَّمٍ كَاذِبِ وَ تَالِ مَادِقٍ وَ بِالْعَكْسِ وَعَنْ صَادِقِيْنِ هَذَا الذَا كَانَتُ لَرُومِيِثَةً وَ اَمَّا الذَا كَانَتُ

٩٩ و كُلِيَّةُ الشَّرْطِيَّةِ انْ يَكُونَ النَّالِيَ لاَ رِمَّا اَوْ مُعَانِدًا لَلْمَقَدَّمِ عَلَى جَمْيَعُ الْاَوْضَاعِ النَّبِي يَمْنَى الْجَتْمَا عُهَا مَعْهُ وَالْجُوْلِيَّةُ اللَّامُورِ النَّبِي يُمْنَى الْجَتْمَا عُهَا مَعْهُ وَالْجُوْلِيَّةُ انْ تَكُونَ كَذَلِكَ عَلَى بَعْضِ هَٰذِهِ الْاَوْضَاعِ وَالسَّخْصُومَةُ اَنْ تَكُونَ كَذَلِكَ عَلَى وَضِعِ مَعَيَّنَ \* وَالْجُورُنِيَّةٌ اَنْ تَكُونَ كَذَلِكَ عَلَى بَعْضِ هَٰذِهِ الْاَوْضَاعِ وَالسَّخْصُومَةُ اَنْ تَكُونَ كَذَلِكَ عَلَى وَضِعِ مَعَيَّنَ \* وَسُورُ النَّمُوجَةِ الْكُلِيَّةِ فِي الْمُنْفَصِلَةِ كُلَّمَا وَمَهُمَا وَمَهُمَا وَمُعَى وَفِي الْمُنْفَصِلَةِ ذَالِمَا وَسُورُ السَّالِيَةِ الْكَلِيَّةِ فِيهِمَا قَلْ لاَ يَكُونَ وَ السَّالِيَةِ الْجُورِئِيَّةِ فِيهِمَا قَلْ لاَ يَكُونَ وَ السَّالِيَةِ الْمُؤْمِلِيَةِ الْمُؤْمِلِيَةِ وَلَا وَانَ وَاذَا فِي الْمُنْوَلِيَةِ وَالْمَهُمَلَةِ بِإِطْلاَقِ لَا فَطُلُولُ وَانَ وَ اذَا فِي الْمُنْوَلِهُ وَالْمُؤْمِلَةً وَاللَّهُ اللَّهُ اللَّهُ وَالْوَاقِ لَوْ وَانِ وَاذَا فِي الْمُنْوَلِقُ الْمُؤْمِلَةُ وَالْ وَالْمُ وَالَوْ وَانَ وَاذَا فِي الْمُتَّالِقِ مَا وَالْ وَالْوَاقِ لَوْ وَالْ وَالْمُ وَالَى السَّالِيَةِ اللْمُؤْمِلَةُ وَلَا وَلَا اللَّالِيَ الْمُؤْمِلِةُ وَالْوَاقِ لَوْ وَالْ وَالْوَاقِ وَالْمُؤْمِلَةُ وَالْمُؤْمِلَةً وَالْمُؤْمِلَةُ وَالْمُؤْمِلِ اللْمُؤْمِلِهُ وَالْمُؤْمِلِهُ وَالْمُؤْمِلِ اللْمُعَالِقُ وَالْمُؤْمِلِ اللْمُؤْمِلِ السَلْمُ وَالْمُؤْمِلُولُ وَالْمُؤْمِلِ اللْمُؤْمِلِ الْمُعْلِقِ الْمُؤْمِلُ وَالْمُؤْمِلِ الْمُؤْمِلُولُ وَالْمُؤْمِلُولُ وَالْمُؤْمِلُولُ وَالْمُؤْمِلُهُ وَالْمُؤْمِلُ وَالْمُؤْمِلُ وَالْمُؤْمِلُ اللْمُؤْمِلُ وَالْمُؤْمِلُ الْمُؤْمِلُ وَالْمُؤْمِلُ الْمُؤْمِلُهُ وَالْمُؤْمِلُهُ وَالْمُؤْمِلُ الْمُؤْمِلُولُ وَالْمُؤْمِلُولُ وَالْمُؤْمِلُولُ وَالْمُؤْمِلُولُ اللْمُؤْمِلُهُ اللَّهُ وَالْمُلْمُولُومُ اللَّالِي الْمُؤْمِلُومُ الْمُؤْمِلُومُ الْمُؤْمِلُومُ

٥٥ وَ الشَّرْطِيَّةُ قَدْ تَتَرَكَّبُ عَنْ حَمْلِيَّتَيْنِ وَ عَنْ مُتَّصِلَتَيْنِ وَعَنْ مُتَفَصِلَتَيْنِ وَعَنْ مُتَفَصِلَةٍ وَمُنْفَصِلَةٍ وَ مُنْفَصِلَةٍ \* وَ كُلُّ وَ احِدَةٌ مِنْ هَٰذِهِ الثَّلْثَةِ الْاَحْيْرَةِ فِي الْمُتَّصِلَةِ تَمْ مُنْفَصِلَةٍ \* وَ كُلُّ وَ احِدَةٌ مِنْ هَٰذِهِ الثَّلْثَةِ الْاَحْيْرَةِ فِي الْمُتَّصِلَةِ تَمْ عَنْ تَالِيْهَا بِالطَّبْعِ بَخِلَافِ الْمُنْفَصِلَةِ فَالِنَّ مُعَدَّمُها أَنْ الْمُتَعَلِّمُ عَنْ تَالِيْهَا بِالطَّبْعِ بَخِلَافِ الْمُنْفَصِلَةِ فَالِنَّ مُعَدَّمُها أَنْ الْمَتَّ مِنْ تَالِيْهَا بِالطَّبْعِ بَخِلَافِ الْمُنْفَصِلَة فَالِيْكَ بِاسْتَخْرَاجِهَا عَنْ نَفْسِكَ \* تَنْفَسِكَ الْمُنْفَصِلَة بِسَعَةً وَ الْمُنْفَصِلَةُ سِتَةً وَ الْمُنْفَصِلَة سِتَةً وَامَّا الْآمَثِلَةُ فَعَلَيْكَ بِاسْتَخْرَاجِهَا عَنْ نَفْسِكَ \*

## الْفَصْلُ التَّالِثُ فِي اَحْكَامِ الْقَضَايَا وَفِيهِ اَرْبَعْةُ مَبَاحِثَ

## ٱلْبَحْثُ الْأُولُ فِي التَّمَا تَضِ

٥٨ وَ حَدَّهُ وَ يُ اللَّهُ اِخْتَلَافُ قَضِيَّتَنْنِ بِالْإِيْجَابِ وَ السَّلْبِ بِحَيْثُ يَقْتَضِي لِدَاتِه انَ يُكُونَ السَّلْبِ بِحَيْثُ فَ يَقْتَضِي لِدَاتِه انَ يُكُونَ السَّلْبِ بِحَيْثُ مَا وَبُدُ \*

وه وَ لاَ يَنْحَقَّقُ التَّنَاقُضُ فِي الْمُخْصُوْمَتَيْنِ اللَّا عِثْمَ اتَّحَادِ الْمَوْضُوْعِ وَيَنْدَرِجُ فَيْهِ وَحْدَةُ الشَّرْطِ وَ الْجُوْءِ وَ ٱلْكَالِ وَعْنَدَ اتِّحَادِ الْمَحْمُولِ وَيُنْدَرِجُ فِيْهِ وَحْدَةُ الرَّمَانِ وَالْمَكَانِ وَالْإِضَافَةَ وَالْقُوَّةِ وَالْفِعْلِ \* رُ فِي الْمَخْصُوْرَتَيْنِ لاَئِنَّ مَعَ ذَلِكَ مِنَ الْاخْتَلافِ بِالْكُمْيَّةُ لِصِدْقِ الْجُزْلُيْنَيْنِ وَكِذَبِ الْكُلْبَلَيْنَيْنِ فِي كُلِّ مَادَّةٍ يَكُونُ الْمُوْضُوعُ فَيْهَا اَعَمَّ مِنَ الْمُخْمُولِ وَلاَئِدٌ مِنَ الْإِخْتِلافِ بِالْجِهْةِ فِي الْكُلِّ لِصِدْقِ الْمُمُكِنَّتَيْنِ فَيُ مَادَّةٍ الْإِمْكَانِ . وَكِذْبِ الضَّرُورَيَّتَيْنَ فِي مَادَّةٍ الْإِمْكَانِ .

وَ عَنَقِيْضُ الضَّرُورِيَّةِ الْمُطْلَقَةِ الْمُمْكِنَةُ الْعَاصَّةُ لِإِنَّ سَلَبَ الضَّرُورَةِ مَعَ الضَّرُورَةِ مِمَّا يَتَفَاقَضَانِ جَوْمًا \* وَنَقَيْضُ الدَّائِمَ \* وَنَقَيْضُ الْمُطْلَقَةِ الْمُطْلَقَةُ الْعَاصَّةِ الْحِينَةِ \* الْمُمْكِنَةُ اعْنَى النَّوْفُونِ يَنَافِيهِ الْاِيجَابُ فِي الْبَعْضِ وَبِالْعَمْسِ \* وَنَقَيْضُ الْمُشُرُوطَةِ الْعَاصَّةِ الْحِينَةِ \* الْمُمْكِنَةُ اعْنِى النَّوْمُ وَعَلَمْ الْمُشَرُوطَةِ الْعَاصَّةِ الْحِينَةِ \* الْمُمْكِنَةُ اعْنِى النَّوْمُ وَعَلَمْ الْمُشَرُوطَةِ الْعَاصَةِ الْحِينَةِ الْمُمْكُونَةُ الْعَلَمْ اللَّهُ الْمُعْلِقِ لَمُعْلَى اللَّهُ وَلَوْ الْمُعْلَقَةُ الْعَامِقِةِ الْعَامَةِ الْعَامَةِ الْعَامَةِ الْحِينَيَّةُ الْمُطْلَقَةُ اعْنِى النَّيْ حُكِمَ وَيُهَا بِرَفَحِ فَي الْمُوطُونِ وَمُ الْمُعْلِلَةِ الْعَامِقِةِ الْعَامَةِ الْحِينَيَّةُ الْمُطْلَقَةُ اعْنِي النَّهِ حُكُمَ وَيُهَا وَيَعْلَى الْمُوطُونِ وَمُعْلَى اللَّهُ وَلَا الْمُوطُونِ الْمُوطُونِ وَمُشَالِعُهُ الْمُعْلِلَةِ الْعَامِقِةِ الْعَامِقِةُ الْعَامِقِةُ الْعَلَمُ الْمُوطُونِ وَمُشَالِعُهُ الْمُعْلِلَةِ وَالْعَلَمْةُ الْعَلَى الْمُوطُونِ وَمُونَ وَمُشَالُهُ الْمُعْلِلَةُ الْمُعْلِلَةِ الْمُعْلِلَةُ الْعَلَمْ الْمُعْلِلَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَامِقِ الْمُعْلِقِةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَمُ وَالْمُعُلِلَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقَةُ الْمُعْلِلَةُ الْعَلَقَةُ الْعَلَيْةُ الْعَلَمْ الْمُؤْمُونِ الْمُوسُونِ الْمُوسُونُ وَالْعَلَقِةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقِي اللَّهُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلِقَةُ الْعَلْمُ الْعُلِقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعَلَقِةُ الْعَلَقِةُ الْعَلَقَةُ الْعُلِقَةُ الْعَلَقَةُ الْعَلَقَةُ الْعُلِقَةُ الْعُلَقِيقُةُ الْعُلَقَةُ الْعُلِقَةُ الْعُلَقِةُ الْعُلِقَةُ الْعُلِقَةُ الْعُلِقَةُ الْعُلِقَةُ الْعُلِقَةُ الْعُلِقَةُ الْعُلِقَةُ الْعُلِقَةُ الْمُولِي الْعُلِقَةُ الْع

١٩ وَإَمَّا الْمُركَّبَاتُ فَإِنْ كَانَتُ كُلِيَّةً فَنَقَيْضُهَا اَحَدُ نَقَيْضِي جُزْنَيْهَا وَذَٰلِكَ جَلِيًّ بَعْدَ الْإِحَاطَةِ بِحَقَائِقِي الْمُركَّبَاتِ وَنَقَائِضِ الْبَسَائِطِ فَارَّلَكَ إِذَا تَحَقَّقَتَ انَّ الْوَجُودِيَّةَ اللَّدَائِمَةَ تَرْكِيْبُهَا مِنْ مُطْلَقَتَيْنِ عَامَّتَيْنِ اِحْدَائُهِمَا مُوْجِبَةً وَ الْأَخْرَى سَالِبَةً وَ انَّ نَقِيْضَ الْمُطْلَقَةِ هُوَ الدَّائِمَةُ تَركيبُهَا مِن مُطْلَقَتَيْنِ عَامَّتَيْنِ اِحْدَائُهُمَا مُوْجِبَةً وَ الدَّائِمَةَ الْمُوافِقَة \* وَإِنْ كَانَتُ جُزْئِيَّةٌ فَلاَ يَمْفِي فِيْ نَقِيْضِهَا انَّ الدَّائِمَةُ الْمُخَالِفَةُ أَوِ الدَّائِمَةُ الْمُوافِقَة \* وَإِنْ كَانَتُ جُزْئِيَّةٌ فَلاَ يَمْفِي فِيْ نَقِيْضِهَا انَّ الدَّائِمَةُ الْمُخَالِفَةُ أَوِ الدَّائِمَةُ الْمُوافِقَة \* وَإِنْ كَانَتُ جُزْئِيَّةٌ فَلاَ يَمْفِي فِيْ نَقِيْضِهَا مَا الدَّائِمَةُ الْمُحَالِفَةُ أَوِ الدَّائِمَةُ الْمُوافِقَة \* وَإِنْ كَانَتُ جُزْئِيَّةً فَلاَ يَمْفِي فَيْ نَقِيْضِهَا مَا الدَّائِمَةُ الْمُحَالِفَة أَو الدَّائِمَةُ الْمُوافِقَة \* وَإِنْ كَانَتُ جُزْئِيَةً فَلاَ يَمْفَى فِيْ نَقِيْضِهَا أَنَّ يَعْضَى جُزْئِيقِ لِكُلِ وَاحِدُ وَاحِدُ وَاحِدُ مِنْ نَقَيْضَهِمَا أَنْ يَكُونُ عَنْ نَقَيْضِهِمَا فَيَقَالُ وَاحِدُ وَاحِدُ مِنْ اَقْرَادِ الْجِسْمِ وَيُولُقُ وَاحِدُ وَاحِدُ الْمُكَالُولُ وَاحِدُ وَاحِدُ وَاحِدُ مِنْ اَفْرَادُ الْجِسْمِ الْمَعَ كِذُبُ لِكُولُ وَاحِدُ وَاحِدُ وَاحِدُ مِنْ اَفْرَادُ الْجِسْمِ اللَّهُ وَلَوْلُ وَاحِدُ وَاحِدُ وَاحِدُ مِنْ اَقْرَادُ الْجِسْمِ الْمَاحِبُولُ وَاحِدُ الْمُكَالُ وَاحِدُ وَاحِدُ وَاحِدُ مِنْ اَوْرَادُ الْجِسْمِ الْمُعَلِي وَاحِدُ الْمَا اللَّالِمُ اللَّهُ الْفَالِ الْعَلَالُ الْمُعَلِي وَاحِدُ وَاحِدُ مِنْ الْوَادِ الْجِسْمِ الْمَالِقُولُ وَاحِدُ الْمُعَالِ وَاحِدُ وَاحِدُ وَاحِدُ مِنْ الْوَالِولُولُولُوا وَلِهُ الْمُؤْلِقُ الْمُولُولُولُولُوا وَلَالِمُ الْمُؤْلِقُ الْمُعُولُ وَاحِدُ وَاحِدُ وَاحِدُ وَاحِدُ وَاحِدُولُولُوا وَاحِدُ وَاحِدُ وَاحِدُ وَاحُدُوا وَلَالِمُ الْمُعَلِي وَاحِدُ وَاحِدُ وَاحِدُوا وَاحِدُ وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحُولُوا وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحِدُوا وَاحُ

٩٢ وَ اَمَّا الشَّرْطِيَّةُ فَنَقِيْضُ الْكُلِيَّةِ مِنْهَا الْجُزُنِيَّةُ الْمُوافِقَةُ فِي الْجِنْسِ وَالنَّوْعِ وَالْمُخَالِفَةُ فِي الْكَيفَ وَ الْكُمِّ وَ بِالْعَكْسِ \*

## اَ لَهُ هُتُ النَّانِي فِي الْعَكْسِ الْمُسْتَوِي

وَ هُو عِبَارَةً عَنْ جَعْلِ الْجُوْرِ الْأَوْلِ مِنَ الْقَضِيَّةِ ثَانِياً وَ الثَّانِيْ اَوَلَّامَعَ بَقَاءِ الصِّدْقِ وَ الْكَبْفِ بَحَالِهِمَا \*
﴿ هُو عَبَارَةً عَنْ جَعْلِ الْجُورِ الْأَوْلِ مِنَ الْقَضِيَّةِ ثَانِياً وَ النَّالِيَّةَ الْعَامَّةُ الْعَامَّةُ الْعَامَّةُ السَّوَالِبُ فَانِ كَانَتُ كُلِيَّةً فَسَنِعُ مِنْهَا وَهِيَ الْوَقْتِيَّتَانِ وَ الْوُجُودِيَّتَانِ وَ الْمُمْكُنِقَانِ وَ الْمُطْلَقَةُ الْعَامَّةُ الْعَامَّةُ لَا سَنْفَ السَّوْلِ اللَّهُ مِنْ الْقَمْرِ بِمُنْفَسِفِ لَا تَنْعَيْسُ لَا مُتَنَاعٍ الْعَكْسِ فِي الْخَصِّهَا وَهِيَ الْوَقْتِيَّةُ لِصِدْقِ قَوْلِنَا بِا لَضَّرُو وَرَةٌ لاَ شَيْمَ مِنَ الْقَمَرِ بِمُنْفَسِفِ

وَقُتَ النَّرْبِيْعِ لاَ دَائِماً وَكَنَبَ قُوْلُنَا بُعْضُ الْمُنْخَسِفِ لَيْسَ بِقَمْرٍ بِالْاَمْكَانِ الْعَامِّ الَّدِي هُوَ اعْمُّ الْجِهَاتِ لاَنَّ كُلَّ مُنْخَسِفِ فَهُوَ قَمُرُ بِالضَّرُو لَا وَإِذَا لَمْ يَنْعَكِسِ الْأَخَصُّ لَمْ يَنْعَكِسِ الْاَعَمُّ لِذَكُو الْعَكَسَ الْاَخَصُّ لِإِنَّ لاَرْمَ الْاَعْمَ لاَرْمُ الْآخَصِ ضَرُو رَةً \*

عَهُ أَمَّا الضَّرُورِيَّةُ وَالدَّائِمَةُ الْمُطْلَقَتَانِ فَتَنْعَكِسَانِ دَائِمَةٌ كُلِيَّةٌ لِآنَّةُ إِذَا صَدَقَ بِالضَّرُورُةِ اَوْ دَائِمًا لَا شَيْقَ مِنْ بَ جَ وَ إِلَّا فَبَعْضُ بَ جَ بِالْإِطْلَاقِ الْعَامِّ وَهُوَمَعَ الْأَصْلِ يُنْتِجُ بَعْضُ بَ لَا شَيْقَ مِنْ جَ بَ الْأَصْلُورُ وَيَّةً وَ دَائِمًا فِي الدَّائِمَةِ وَهُوَ مُّ صَالً \*

90 وَأَمَّا الْمَشْرُوطَةُ وَ الْعُرُويَّةُ الْعَامَّتَانِ فَتَلْعَكِسَانِ عُرُويَّةٌ عَامَّةٌ كُلِيَّةٌ لَا نَهُ إِذَا صَدَى بِالضَّرُ وَرَةٌ أَوْ دَائِمًا لاَ شَيْعَ مِنْ بَ جَ مَادَامَ بَ وَلاَ فَبَعْضَ بَ جَ حَيْنَ هُو بَ وَهُو مَعَ الْمَشْرُوطَةُ وَالَّا فَبَعْضَ بَ جَ حَيْنَ هُو بَ وَهُو مَعَ الْمَشْرُوطَةُ وَالَّا فَبَعْضَ بَ عَضَ بَ إِلْكُونِيَّةُ الْعَامَّةُ فَلِكُونِهَا لاَرْمَةٌ لِلْعَامَّتَيْنِ وَأَمَّا اللَّا دَوَامُ فِي الْبَعْضِ أَمَّا الْعُرُفِيَّةُ الْعَامَّةُ فَلِكُونِهَا لاَرْمَةٌ لِلْعَامَّتَيْنِ وَأَمَّا اللَّا دَوَامُ فِي الْبَعْضِ فَي الْبَعْضِ أَمَّا الْعُرُفِيَّةُ الْعَامَّةُ فَلِكُونِهَا لاَرْمَةً لِلْعَامَّتَيْنِ وَأَمَّا اللَّا دَوَامُ فِي الْبَعْضِ فَي الْبَعْضِ اللهَ اللهُ وَاللهُ اللهُ وَاللهُ اللهُ وَاللهُ اللهُ وَاللهُ وَاللّهُ وَلَا الللّهُ وَاللّهُ اللّهُ اللّهُ اللّهُ وَاللّهُ وَاللّهُ اللّهُ اللّهُ اللللّ

٧٧ وَ اَمَّا الْمُوْجِبُّةُ كُلِيَّةً كَانَتْ أَوْ جُزْئِيَّةً فَلاَ تَنْعَكُسُ كُلِيَّةً اَصْلاً لِإِحْتِمَالِ كَوْنِ الْمُحْمُولِ أَعَمَّ مِنَ الْمُوْضُوعِ كَقَوْلِنَا كُلُّ إِنْسَانٍ جَيَوَانَ وَاَمَّا فِي الْجِهْةِ فَالضَّرُورِيَّةُ وَالدَّائِمَةُ وَالْعَامَّتَانِ تَنْعَكِسُ حِيْنِيَّةً مُطْلَقَةً لَا تَّهُ إِذَا صَدَّقَ كُلُّ جِ بِ بِإِحْدُى الْجِهَاتِ الاَرْبِعِ النَّهُ كُورَةِ فَبَعَضُ بَ جَ حَيْنَ هُو بَ وَالْآفَلَةُ مَيْنَ فَ وَ وَالَّآفَلَةُ مَيْنَ وَهُومُ حَالُ وَاللَّا يُمَيِّةً وَ النَّا يَمَيِّةً وَ النَّا يَمَيِّةً وَ النَّا يَمَيِّةً وَ النَّا يَمَيِّةً المُطَلَقَةً وَعَامَّتُهُمُ وَامَّا الْحَيْدِيَةِ السَّالَةُ وَالْمَا وَامَّا الْحَيْدُةُ وَالْمَ فَي الْاَصْلِ وَهُو قُولُنَا بِالصَّرُورَةِ الْوَدَائِما وَامَّا عَيْدَ اللَّا دَوَامِ فِي الْاَصْلِ الْمُورِي وَلَاقِي وَلَا يَعْفَى بَ لَيْسَ جَ لَا يُمْلِقُهُ اللَّهُ وَالْمَا فَلَكُمُ اللَّهُ وَاللَّهُ وَاللَّهُ اللَّهُ وَالْمَا بِالضَّرُورَةِ الْوَدَائِما وَاللَّهُ وَلَيْكُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَلَا اللَّهُ وَاللَّهُ وَاللَ

٩٨ وَا مَّا الْمُمْكِنَتَانِ فَحَالُهُمَا فِي الْأَنْعِكَاسِ وَعَدَّمِهِ غَيْرُ مَهْ عُبُو مَهْعُلُومٍ لِتَوَقَّفِ الْبُرْهَانِ الْمُمْكِنَةَ اِنْ لَا يَعَالَى الْمُعْلَى السَّعْلَى السَّعَلَى السَّعْلَى السَّعْلِي السَّعْلَى السَّعْلَى السَّعْلَى السَّعْلَى السَّعْلَى السَّعْلَى السَّعْلَى السَّعْلِيمُ السَّعْلَى السَّعْلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَّعْلَى السَّعْلِيمُ السَّعْلَى السَّعْلِيمُ السَّعُلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَّعْلِيمُ السَعْلِيمُ السَعْمُ السَّعْلِيمُ السَعْمُ السَعْلِيمُ السَعْمُ السَع

## اَ لَهُ عَثَ النَّا لِثُ فِي عَكْسِ النَّقِيضِ

٩٩ وَهُو عِبَارَةً عَنْ جَعْلِ الْجَوْءِ الاَوَّلِ مِنَ الْقَضَّيَةِ نَقِيْضَ النَّانِيُ وَالنَّانِيُ عَيْنَ الْأَوَّلِ مَعَ صُخَالَفَة الْاَمْلِ فِي الْكَيْفِ وَ مُوافَقَتِهِ فِي الصِّدْقِ \* ٧٠ وَآمًا الْمُوْجِبَاتُ فَإِنْ كَاْفَتُ كَلَيْةً فَسُنِعُ مِنْهَا وَهِيَ النَّيْ لَا تَنْعَيْسُ سَوَالِبُهَا بِالْعَيْسِ الْنَسْنَجِيَ لَا تَنْعَيْسُ الْخَيْمُ بِالْمَاكُلُّ جَا فَمُونَيُ عَلَيْهُ وَلَيْمُ الْمُنْخُومُ اللَّهُ وَالنَّالُومُ الْمُنْفَعُولَا الْمُنْفَعُولُومُ الْمُنْفَعُولُومُ الْمُنْفَعُولُومُ الْمَنْفُومُ وَاللَّهُ اللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ اللَّهُ وَاللَّهُ وَاللْلُولُ وَالْمُولُولُولُ وَالْمُولُولُولُولُولُولُولُولُولُولُولُ الللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَلَا اللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ وَاللَّهُ الللْ

الا وَ إِنْ كَا نَتُ جُونُيَّةً فَالْحَا صَّنَانِ تَنْعَكِسَانِ عُرْفِيَّةً خَاصَّةً لِآنَّهُ إِذَا صَدَى قَ بِالضَّرُورُةِ اَوْدَا لِمَا لَا تَا عَمْنَ مَا دَامَ جَ لَا دَائِمًا وَجُبَ اَنْ يَصْدُ قَ بَعْضُ مَا لَيْسَ جَ لَيْسَ جَ مَا دَامَ عَمْنَ لَيْسَ جَ مَا دَامَ جَ هَذَا كُمْفَ وَ يَعْمَى مَا لَيْسَ جَ مَا دَامَ جَ هَذَا كُمْفَ وَ يَعْمَى مُالَيْسَ بَ عَنْيَ هُوَ جَ وَقَدْ كَانَ بَ مَا دَامَ جَ هَذَا كُمْفَ وَ يَعْمَ لَوْ يَعْمَى مَا لَيْسَ بَ عَلَيْسَ بَ عَمْدَ اللّهُ مَا لَيْسَ بَ لَيْسَ جَ مَا دَامَ لَكُونَ بَ مَا دَامَ جَ هَذَا كُمْفَ وَ لَكُونَ بَ مَا دَامَ عَلَيْ وَ هُوَ الْمُطْلُوبُ \* وَ أَمَّا لَا يَعْمَ لَا لَكُولَ لِللّهَ مَا لَا لَهُ عَلَى الْمَعْلَوفَ لَا عَلَى الْمَعْلَوفَ وَ الْمَعْلُوبُ \* وَ أَمَّا لَا عَلَيْ لَا عَنْ لَا تَعْمَ لَالْمَ لَا يَعْمَ لَا لَعْمَ لِيَا لَعْمَ لَا لَعْمَ لَا لَا عَمْ لَا لَعْمَ لِلْ لَا عَمْلُ لَا لَا عَلَى الْمَعْلَ وَلَا عَلَى الْمَعْلُولُ وَ لَوْ لَكُونَ لَا عَمْلُ لَا لَكُمْ لِلْ لَا لَا عَلَالُولُ لَكُمْ لِلْ لَا لَا عَلَى الْمَعْلَ لَا لَعْلَى الْمُعْلَى الْمُعْلَى الْمُعْلَى الْمُعْلَى الْمُعْلَى الْمُعْلِقِ وَ لَعْلَى الْمُعْلِقِ وَ عَلَيْكُولُ لَا عَلَى الْمُعْلَى الْمُعْلِقِ وَلَا عَلَى الْمُعْلِقِ وَلَا عَلَى الْمُعْلِقِ وَلَا لَعْلَالِهُ الْمَالِمُ لَا لَعْلَى الْمُعْلِقِ وَلَا لَا لَعْلَى الْمُولِي الْمُعْلِقِ فَى الْمُعْلِقُ لَا اللّهُ عَلَى الْمُعْلِقِ فَى الْمُعْلِقِ وَلَا لَا لَعْلَى الْمُعْلِقِ وَلَا لَا لَا لَعْلَالِمُ الْمُعْلَى الْمُعْلَى الْمُعْلِقُ وَلَا اللّهُ الْمُعْلَى الْمُعْلِقُ وَلَا لَا عَلَى الْمُعْلِقُ وَلَا لَا لَعْلَالِهُ الْمُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلَى الْمُعْلِقُ اللّهُ الْمُعْلَى الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ اللّهُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ ا

٧٧ وَ أَمَّا السَّوَا لِبُ كُلِيَّةً كَانَتُ أَوْ جُزْئِيَّةٌ فَلَا تَنْعَكِسُ كُلِيَّةً لِإِحْتِمَالِ كُوْنِ نَقِيْضِ الْمَحْمُولِ أَعُمَّ مِنَ الْمَوْضُوعِ وَ آمَنَا لِللَّهُ الْمَوْضُوعِ وَ تَنْعَكِسُ الْتَخَاصَّتَانِ حِيْنِيَّةً مُطْلَقَةً لِاَنَّةً إِذَا صَدَقَ بِالضَّرُورُةِ اَوْدَا ثِمًا لاَ شَيْئِي مِنْ جَ بَ مَادَامُ

## أَلْبَصْتُ الرَّا بِعُ فِيْ تَلَازُ مِ الشَّوْ طِيَّاتِ

سم امَّا الْمُتَّصِلُةُ الْمُوْجِبَةُ الْكُلِّيَّةُ فَتَسْتَلْزِمُ مُنْفَصِلَةً مَا نِعَةُ الْجَمْعِ مِنْ عَيْنِ الْمُقَدَّمِ وَنَقَيْضِ التَّالِي وَ مَانِعَةَ الْجَمْعِ مِنْ عَيْنِ الْمُقَدِّمِ وَ نَقَيْضِ التَّالِي وَ مَانِعَةَ الْحَقْيَةِ مِنْ نَقَيْضِ الْمُقَدِّمِ وَعَيْنِ النَّالِي مُتَعَاكِسَيْنِ عَلَيْهَا وَالاَّ لَبُطُلُ اللَّرُومُ وَالْاِتْصَالُ وَالْمُنْفَصِلَةُ الْحَقَيْقِيَّةً تَشْتَلُومُ الْآخُرُومُ الْآخُرُومُ الْآخُرُومُ الْآخُرُومُ الْآخُرُومُ الْآخُرُومُ الْآخُرُومُ اللَّا اللَّهُ الْمُخَرِو مُقَدَّمُ الْخَرْيُنِ فَقَيْضِ الْجُرْثَيْنِ وَتَالِيْهِمَا نَقِيْضُ الْآخُرُومُ اللَّا الْمُقَدِّمُ الْآخُرُومُ اللَّالِي عَنْنَ الْآخُرُومُ الْمُقَدِّمُ الْآخُرُومُ اللَّهُ الْمُحَرِومُ اللَّامُ اللَّهُ الْمُعَلِّمُ اللَّهُ الْمُعَلِّمُ اللَّهُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ اللَّهُ الْمُعَلِّمُ اللَّهُ الْمُعَلِّمُ الْمُعَلِّمُ اللَّهُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعَلِّمُ الْمُعْلِمُ اللَّهُ اللَّهُ الْمُعَلِّمُ الْمُؤْمِلُولُ اللَّهُ الْمُعْمُ الْمُؤْمُ الْمُعَلِّمُ الْمُعَلِيْلُومُ اللْمُعَلِّمُ الْمُؤْمُ اللَّهُ الْمُعْلِمُ الْمُعْلِمُ الْمُؤْمِلُونُ اللَّعُلِمُ الْمُعَلِيمُ الللَّهُ الْمُعْلِمُ اللْمُؤْمُ الْمُتَعْلِمُ الْمُعْمُولُ الْمُعْلِمُ الْمُعْلِمُ اللَّهُ الْمُعْرِولُ الْمُعْلِمُ الْمُؤْمِلُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللَّهُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُؤْمِلُولُ اللَّهُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ الْمُؤْمِلُ الْمُعْلِمُ اللْمُؤْمِلُ الْمُؤْمِلِ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللَّهُ الْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللْمُعْلِمُ اللَّهُ الْمُعْلِمُ الللْمُعِلِمُ الللْمُعِلِمُ اللْمُعِلِمُ اللْمُعِلَمُ اللَّهُ الْمُعْلِمُ اللْمُعُلِمُ اللْمُعُلِمُ اللْمُعِلَمُ

## اَلْمُقَالَةُ النَّا لِثَةُ فِي الْقِيَاسِ وَفِيْهَا خَمْسَةُ فُصُولِ الْمَقَالَةُ النَّا لِثَةُ فِي الْقِيَاسِ وَأَقْسَامِهِ

عه اَلْقِيَاسُ قَوْلُ مُولَفَّ مِنْ قَضَا يَا إِذَا سُلِمَتُ لَزِمَ عَنْهَا لِذَا تَهَا قَوْلُ آخَرُ \*

٥٥ وَهُوَ إِشْتِثْنَا رُبِيَ إِنْكَانَ عَيْنُ النَّلْمَجَة اَوْ نَقْيَضُهَا مَدُكُورًا نِيْهُ بِالْفَعْلِ كَقُولِنَا اِنْ كَانَ هَذَا جِسْمًا نَهُو مُعَلَّقَةً وَهُو بِعَيْنَهِ مَدُ كُورُ فِيهِ وَ لَوْ قُلْنَا لَكِنَّهُ لَيْسَ بِمُتَحَيِّرٍ يُنْتِجُ أَنَّهُ لَيْسَ بِجِسْمٍ وَ نَقِيضُهُ مَدْ كُورُ فِيهِ وَ لَوْ قُلْنَا لَكِنَّهُ لَيْسَ بِمُتَحَيِّرٍ يُنْتِجُ أَنَّهُ لَيْسَ بِجِسْمٍ وَ نَقِيضُهُ مَدْ كُورُ فِيهِ مَا لَكُنَّ لَكَ كَقُولِنَا كُلُّ جِسْمٍ مُولَّقَتْ وَ كُلُّ مُولَقِّ حَادِثُ يُنْتِجُ كُلُّ جِسْمٍ حَادِثُ وَ لَيْسَ \*هُولُونُ فِيهُ بِالْفِعْلِ \*

و لَيْسَنَ \*هُوَولُولَ نَقَيْضُهُ مَذْ كُورًا فِيهِ بِالْفِعْلِ \*

٧٩ وَ مَوْضُوعُ الْمَطْلُوبِ يَسْمَى اصْغَرَ وَمُحْمُولُهُ اكْبَرَ وَالْقَضِيَّةُ الَّذِي جُعِلَتْ جُزْءَ قِبَاسِ تُسَمَى مُقَدِّمَةً وَالْمَكَرُّ وَالْمَعَرُ وَمُحْمُولُهُ الْكَبْرَ وَالْقَضِيَّةُ اللَّهِي جُعِلَتْ جُزْءً قِبَاسِ تُسَمَى مُقَدِّمَةً وَالْمَكَرُّ وَالْمَكَرُّ وَالْمُكَرِّ وَالْمُكِنِّ وَالْمُكَرِّ وَالْمُكَرِّ وَالْمُكَرِّ وَالْمُكَرِّ وَالْمُكِنِّ وَالْمُكَرِّ وَالْمُكَرِّ وَالْمُكَرِّ وَالْمُكَرِّ وَالْمُكُولُ وَالْمُكَرِّ وَالْمُكُولُ وَالْمُكُولُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُعُرُ وَالْمُكُولُ وَالْمُعُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُتُولُ وَالْمُكُولُ وَالْمُلُولُ وَالْمُكُولُ وَالْمُعُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُكُولُ وَالْمُلْمُ وَالْمُعُولُ وَالْمُلْمُولُولُ وَالْمُلْمُولُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُعُولُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُعُلِقُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُولُولُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْمُ وَالْمُلْ

الْآخُرَيْنِ يُسْمَى شَكْلًا وَهُوَ اَرْبُعَةً لِآنَ الْاَوْسَطَ إِنْ كَانَ مَحْمُولًا فِي الصَّغْرَى وَمَوْضُوعًا فِي الْكُبْرَى فَهُوَ الشَّكُلُ الثَّالِثُ الشَّكُلُ الاَّوَّلُ وَإِنْ كَانَ مَوْضُوعًا فَيْهِمَا فَهُوَ الشَّكُلُ الثَّالِثُ وَإِنْ كَانَ مَوْضُوعًا فَيْهِمَا فَهُوَ الشَّكُلُ الثَّالِثُ وَ إِنْ كَانَ مَوْضُوعًا فَيْهِمَا فَهُوَ الشَّكُلُ الثَّالِثُ وَ إِنْ كَانَ مَوْضُوعًا فِيهِمَا فَهُوَ الشَّكُلُ الثَّالِثُ وَ الْكَبْرَى فَهُوَ الشَّكُلُ الرَّابِعُ \*

٧٧ أَمَّا الشَّمْلُ الْآوَّلُ فَشُرْطُهُ الْجَابُ الصَّغْرَى وَالْآلَمْ يَنْدُرِجِ الْأَصْغُرُفِي الْآوَسُطِ وَكُلِّيَةُ الْكُبْرَى وَ الْآلَاتِجَةً وَاللَّهُ وَالْمَالِمُ وَالْمَعْفِ الْمَحْكُومِ بِهِ عَلَى الْآصَغُو \* وَضُرُوبُهُ النَّاتِجَةُ الْكَاتِجَةُ الْاَتَجَةُ \* الْآوَلُ مِنْ مُوْجِبَتَيْنِ كُلِّيَّتَيْنِ يُنْتِجُ مُوْجِبَةً كُلِيَّةً كُقُولُنِا كُلَّ جَ بَ وَكُلُّ بَ الْمَكُنُ جَ ا \* التَّانِي مِنْ مُوجِبَةً وَ الْكُبْرَى سَالِبَةً يُنْتِجُ سَالِبَةً كُلِيَّةً كُقُولُنِا كُلُّ جَ بَ وَلَا شَيْعَ مِنْ بَا اللَّالِيَ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّالِيَةً عَلَيْقَ اللَّهُ الللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ ال

٧٨ وَإِمَّا الشَّمُّلُ التَّانِيُ فَشَرْطُهُ الْحَتِلَافُ مُقَدِّمِتَيْهُ بِالْكَيْفِ وَكُلِّيَّةُ الْكَبْرِي وَإِلَّ يَحْصُلُ الْإِخْتَلَافُ الْمُحْرَى النَّنْجُةِ تَارَةٌ وَمَعَ سَلَيها الْخُرَى \* وَ مُرُوبُهُ النَّبَعَةُ اَيْضًا آرَبُعَةً \* آلاَنَّلَ مِنْ كُلِّيْتَيْنِ وَالصَّغْرَى مُوجِبَةً يُتَتَبِعُ سَالِبَةً كُلِيَّةً كَقُولِنا كُلُّ جَ بَ وَلاَ شَيْعَ الصَّغْرَى النَّيْجَةِ الْمَي الْكَبْرَى لِيَلِيْتَ عَنْهُ الصَّغْرَى السَّغْرَى وَالصَّغْرَى النَّيْجَةِ اللَّي الْكَبْرَى لِيلِيْتَ عَلَيْقَ الصَّغْرَى وَ الصَّغْرَى مَنْ جَ اللَّكُمْرَى لِيلِيْتَ عَلَيْقَ اللَّهُ كُلِيَّةً وَاللَّهُ اللَّهُ كُلِيلَةً كُلَيْتَ اللَّهُ كُلِيلَةً كُلَيْتَ اللَّهُ كُلِيلَةً كُلِيلَةً كُلُونَى اللَّهُ وَاللَّهُ كُلِيلَةً كُلِيلَةً كُلُونَى اللَّهُ كُلِيلَةً كُلُونَى اللَّهُ كُلِيلَةً كُلُونَى اللَّهُ وَلا اللَّهُ وَلا اللَّهُ كُلِيلَةً كُلُونَى وَ الْكُبْرَى لَى السَّغُولَ الْ وَلَا اللَّهُ كُلِيلَةً كُلِيلًا لاَ شَيْعَ مِنْ اللَّهُ مُولِيلًا لاَسُلِيقًا عَلَيلًا لاَ سُلِكَةً عُرْكِيلًا وَسُلِيلًا لاَسُلِيقً كُلِيلًا لاَ اللَّهُ وَلَى السَّعْلَى الْمُلْكِلُ اللَّهُ وَلِيلًا لاَسُلِيقً مِنْ الللَّهُ مُرْكِلًا اللَّهُ مُولِيلًا لاَ شَيْعَ مِنْ اللَّهُ مُرَكِيلًا عَمْلُولُ اللَّهُ مُرْكِلًا لاَ شَيْعَ مِنْ اللَّهُ مُرْكِلًا اللَّهُ مُنْ اللَّهُ مُنْ اللَّهُ مُرَاكِلًا لاَ مُنْهُ مَالِيلًا لاَ مُنْفَى مِنْ اللَّهُ مُنْ اللَّهُ مُنْفَى مِنْ اللَّهُ مُرَاكِلًا لاَ مُنْفَى مِنْ اللَّهُ مُنْ اللَّهُ مُرْكِلًا لاَتُعْلَى اللَّهُ اللَّهُ مُرَاكِلًا لاَ مُنْفَى اللَّهُ الللَّهُ مُنْ اللَّهُ مُنْ اللَّهُ مُنْ اللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الللَّهُ مُنْ اللَّهُ مُنْ اللَّهُ مُنْ اللَّهُ اللَّهُ اللَّهُ مُنْ اللَّهُ اللَّهُ اللَّهُ اللَّهُ مُنْ اللللَّهُ اللَّهُ اللَّهُ اللَّهُ مُنْ اللَّهُ الللَّهُ مُنْ الللَّهُ مُنْ اللَّهُ اللَّهُ اللَّهُ اللْلَاللَّهُ اللَّهُ الللَّهُ اللَّهُ اللللَّهُ مُنْ الللَّهُ اللَّهُ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللللَّهُ اللَّهُ اللَّهُ اللَّهُ الللللِكُولُ اللللِهُ الللللِيلُولُ اللللللِكُولُ الللللِهُ الللللللللِيلُولُ الللللِهُ اللللللِكُ اللللللللللِهُ اللللللِكُ الللللللللِ

٩ ا أمَّا الشَّكُلُ النَّالِثُ فَشَرْعُكُمُ ا يُجَابُ الصُّغْرَى وَ الاَّ يَجْصُلُ الاَّخْتِلاَفُ وَ كُلِيَّةً الْحَدَى مُقَدِّ مَتَيهُ

وَإِلَّا لِكَانَ الْبَعْضُ الْمَحَكُومُ عَلَيْهِ بِالْاَصْغَرِ عَيْرَ الْبَعْفِ الْمَحْكُومِ عَلَيْهِ بِالْاَمْدِينَةَ \* وَصُّرُوبُهُ النَّالَةِ اللَّهُ الْوَلَى الْبَعْفُ النَّيْقِ اللَّهُ عَرْدِيلَةً كَقُولِنَا كُلَّ بَ جَ وَكُلُّ بَ الْعَبْفُ النَّيْقِ النَّيْقِ اللَّهُ عَرْدِيلَةً كَقُولِنَا كُلُّ بَ جَ وَكُلُّ بَ الْعَبْفِ النَّيْقِ اللَّهُ اللَّهُ عَرْدُيلَةً كَقُولِنَا كُلُّ جَ بَ وَلا شَيْعَ مِن اللَّهُ عَرْدِيلَةً عَرْدُيلةً كَقُولِنَا كُلُّ جَ بَ وَلا شَيْعَ مِن اللَّهُ عَرْدِيلةً عَرْدُيلةً كَقُولِنَا كُلُّ جَ بَ وَلا شَيْعَ مِن اللَّهُ عَرْدُيلةً كَقُولِنَا كُلُّ جَ بَ وَلا شَيْعَ مِن اللَّهُ الللَّهُ الللللَّهُ اللَّهُ اللَّهُ اللَّهُ الللَّهُ اللَ

مَ وَامَّا الشَّكُلُ الرَّابِعُ فَشَرُطُهُ بِحَسُبِ الْكَمَّيَةِ وَالْكَيْفِيَّةِ الْبَجَابُ الْمُقَدِّمَتَيْنِ مَعَ كُلِيَّةِ الصَّغْرَى وَالْمَنْفِيَّةِ الْبَكَفِيمَ الِمُلْكَةِ مَوْجِبَتْمْنِ كُلِيَّةِ الْحَدُوبُهُ النَّاتِجَةُ وَالْمَنْفِيمَ الْمُؤْمِعُ الْمَؤْمِ الْمُؤْمِعُ الْمَؤْمِ الْمُؤْمِعُ الْمَؤْمِ الْمَنْقِعِ مُوْجِبَةً عُرْئِيَّةً كَقُولِنَا كُلَّ بَ جَ وَكُلَّ ا بَ فَبَعْضُ جَ الْمِحْسِ النَّيْكِيَّةِ \* النَّالِيْ مِنْ مُوْجِبَةً عُرْئِيَّةً كَقُولِنَا كُلَّ بَ جَ وَكُلَّ ا بَ فَبَعْضُ جَ الْمَالِيَّةِ عَمْوِجِبَةً عُرْئِيَّةً كَقُولِنَا كُلَّ بَ جَ وَكُلُّ ا بَ فَلَيْقَ كُفُولِنَا كُلُّ بَ جَ وَلَا شَيْعَ مِن جَ النَّالِثُ مِن كَلِيَّتَيْنِ وَالصَّغْرَى اللَّهُ كُلِيَّةً كُنْتِمِ سَالِبَةً كُولِنَا كُلُّ بَ جَ وَكُلُّ ا بَ فَلَا شَيْعَ مِن جَ الْمَالَّالِثُ مِن كَلِيَّةً كُولِنَا كُلُّ بَ جَ وَكُلُّ ا بَ فَلَا شَيْعَ مِن جَ الْمِامَرِّ \* النَّالِثُ مِن كَلِيَّتَيْنِ وَالصَّغْرَى اللَّهُ كُلِيَّةً كُنْتِمِ سَالِبَةً كُلِيَّةً كُولِنَا كُلُّ بَ جَ وَكُلُّ ا بَ فَلَا شَيْعَ مِن جَ الْمَالِمُ \* الْمُعَلِّيْ الْمَالِمُ \* الْمُؤْمِى وَالصَّغُرَى وَالصَّغُرَى مَنْ الْمَلِيَةً كُلِيَّةً كُلِيْقَ كُنْفِي مِنْ الْمَلِيَةً عُولِنَا لَكُونُ الْمَامِّ \* اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ عَلَى اللَّهُ اللَّهُو

بَعْضُ بَ كَيْسَ جَ وَكُلِّ آ بَ فَبَعْضَ جَ لَيْسَ آ بِعُكْسِ الصَّعْرَى لِيَرْتُدُّ إِلَى التَّانِيُ وَالسَّالِحُ مِنَ الْمَعْضُ الْمُعْضُ الْمَعْضُ الْمَعْضُ الْمَعْضُ الْمَعْضُ الْمَعْضُ الْمَعْضُ الْمُعْضُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْضُ اللَّهُ الْمُعْضُ اللَّهُ الْمُعْضُ اللَّهُ الْمُعْضُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمِسُ الْمُنْعُلِقُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ اللَّهُ الْمُعْمُ اللَّهُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعُمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعْمُ اللَّهُ الْمُعُمُ اللَّهُ الْمُعْمُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ الْمُعْمُ اللَّهُ اللَّهُ

## اَ لَفَصْلُ التَّانِي فِي الْمُخْتَلِطَاتِ

1 / أَمَّا الشَّكُلُ الْأَرَّلُ فَشَرْطُهُ بِجَسَبِ الْجِهَةِ فِعْلَيَّةٌ الصَّغْرَى وَ اللَّآيِجَةُ فِيْهِ كَالْكُبْرَى اِنْكَانَتْ غَيْرَ اللَّهَ مُورَطَّقَيْنِ وَ الغَّرُولِةِ فَكَا لَصَّغْرَى مَصْدُوفًا عَنْهَا قَيْدُ اللَّا ضُرُورُةٍ وَاللَّادُوامِ وَ الضَّرُورُةُ الْمُخْصُومَةُ الْمُخْصُومَةُ الْمُخْصُومَةُ الْمُخْصُومَةُ الْكَانَتِ الْكَانَتِ الْكَامَتِينِ وَ اِعْدَى فَمِّ اللَّادَوَامِ الِيْهَا الْكَانَتُ اِحْدَى الْخَاصَّتَيْنِ \*

٨٢ وَ اَمَّا الشَّكُلُ التَّانِيُ فَشَرُطُهُ بِحَسَبِ الْجِهَةِ اَمْرَ انِ اَحَدُهُمَا صَدْقُ الدَّرَامِ عَلَى الصَّغْرَى اَوْكُونُ اَوْكُونُ اللَّمَا الشَّكُلُ التَّانِيُ فَشَرُطُهُ بِحَسَبِ الْجِهَةِ اَمْرَ انِ الْحَدُمُلُ النَّامَكُذُةُ اللَّامَعُ الضَّغُرَيِ الْمُطْلَقَةِ الْمُطْلَقَةِ الْمُطْلَقَةِ الْمُطْلَقَةِ الْمُشْرَوطَتَيْنِ وَ النَّيَجُةُ دَائِمَةُ إِنْ صَدَقَ الدَّوامُ عَلَى اِحْدَى مُقَدِّمَتَيْهِ وَ اللَّ فَكُالصَّغُرَى فَاللَّا فَرُورُةٌ وَ النَّا فَرُورَةٌ وَ النَّصُرُورَةٌ اللَّهُ مَرُورَةٌ كَانَتُ \*

٨٣ وَ امَّا الشَّكُلُ التَّالِثُ فَشَرُطُهُ فِعْلِيَّةُ الصَّغْرَى وَ النَّتَفِجَةُ كَالْكُبْرَى الْكَانَتِ الْكُبْرَى الْكَانَتِ الْكَبْرَى الْكَانَتِ الْكَبْرَى الْكَانَتِ الْكَبْرَى الْعَامِّنَيْنِ وَمَضْمُومًا اللَّهُ الْكَانَتِ الْكَبْرَى الْحَدَى الْعَامِّنَيْنِ وَمَضْمُومًا اللَّهُ الْكَانَتُ الْكَبْرَى الْعَامِّنَيْنِ وَمَضْمُومًا اللَّهُ اللَّانَتُ الْكَبْرَى الْعَامِّنَيْنِ وَمَضْمُومًا اللَّهُ اللَّانَتُ الْكَبْرَى الْعَامِّنَيْنِ \*

١٨ وَ أَمَّا الشَّكُلُ الرَّابِعَ فَشَرُطُ إِنْتَاجِهِ بِحَسَبِ الْجِهَةِ أُمُّورُ خَمْسَةً \* اَلْأُولُ كُونَ الْقِياسِ فَيْهِ مِنَ

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١٥٥ اَلْقِيْسُمُ الْاُوَّلُ مَا يَتَرَكَّبُ مِنَ الْمُنَصَّلَاتِ وَالْمَطْبُوعُ مِنْهُ مَا كَانَتِ الشَّرْكَةُ فِي جُزْءِ تَامِّ مِنَ الْمُقَدِّمِ مَنْهُ مَا كَانَتِ الشَّرْكَةُ فِي جُزْءِ تَامِّ مِنَ الْمُقَدِّمِ مَنْهُ مَا كَانَتِ الشَّرْكَةُ فِي جُزْءِ تَامِّ مِنَ الْمُقَدِّمِ مَنْهُ مَا الشَّعْرَى مُقَدَّمًا فِي اللَّهُ فِي الصَّغَرَى مُقَدَّمًا فِي اللَّهُ فِي السَّعْرَى التَّالِمِ فَهُو الشَّمْلُ التَّالِمِ فَهُو الشَّمْلُ التَّالِمِ فَهُو الشَّمْلُ التَّالِمِ وَعَدَّمَا فِيهُمَا فَهُو الشَّمْلُ التَّالِمِ مَعْدَّمَا فِيهِمَا فَهُو الشَّمْلُ التَّالِمِ وَعَدَى الشَّمْلِ اللَّهُ وَشُوا الشَّمْلُ التَّالِمِ وَعَدَى الشَّمْرِ فَرَقِ مِثَالُ الشَّرَبِ الْاَرْتِ كُلِيَّا كَانَ اللَّهُ فِي الْمُنْتِي فِي الْمُنْتِي فِي الْمُنْتِي فِي الْمُنْتِي فِي الْمُنْتِي فِي الْمُنْتِي مِنْ غَيْرِ فَرْقِي مِثَالُ الضَّرَبِ الْاَرَّ لِ كُلِّمَا كَانَ اللَّهُ فِي الْمُنْتِي فِي الْمُنْتِي فَي الْمُنْتِي فِي الْمُنْ فِي الْمُنْتِي فِي الْمُنْتَامِ مِنْ غَيْرِ فَرْقِي مِثَالُ الضَّرَبِ الْاَرْلُ كُلِيَّا كُنَّ اللَّهُ لَا مَن اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّالُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّالِمُ اللَّهُ اللَّهُ اللَّالِمُ اللَّهُ اللَّهُ اللَّالِمُ اللَّهُ ال

١٨ الْقِيشُمُ النَّانِيُ مَا يَتَرَّكُبُ مِنَ الْمُنْفَصِلاَتِ وَالْمَطْبُوعُ مِنْهُ مَا كَانَتِ الشَّرْكَةُ نِي جُزْءِ غَيْرِتَامٍ

مِنَ الْمُقَدِّمَتَيْنِ كَقُولِنَا وَ الْمُنَا إِمَّا كُلُّ آ بَ آوْكُلُّ جَ وَ وَإِمَّا كُلُّ وَ لَا اَوْكُلُّ وَ رَيُنْتُجُ

إِمَّا كُلُّ آ بِا وَكُلُّ فَ لَا الْمُنْفَصِلاَتِ وَالْمَا الْمُعَنَّبُولُا وَ الْمُنْفَعِلاً عَنْ مُقَدِّمُتَي الثَّالِيفِ وَعَنْ اَحْدِ الْاُخْرَييْنَ

وَمَا كُلُّ آ بِا وَكُلُّ جَ لَا وَكُلُّ وَ رَلَّا مِتَنَاعِ خُلُو الْوَاتِع عَنْ مُقَدِّمُتَي الثَّالِيفِ وَعَنْ اَحْدِ الْاُخْرَييْنَ

وَمَا كُلُّ الْمُنْ الْمُنْفَارِكُيْنِ \*

٨٨ اَلْقِهُمُ الثَّالِثُ مَا يَتْرَكَّبُ مِنَ الْحَمْلَيَّةِ وَالْمُثَّصِلَةِ وَالْمُطْبُوعُ مِنْهُ مَا كَانَتِ الْحَمْلَيَّةُ كُيْرَى

وَ الشَّرْكَةُ مَعَ تَالِى الْمُتَّصِلَةِ وَ لَنَيْجَتَهُ مُتَّصِلَةً مُقَدَّمُهَا مُقَدَّمُ الْمُتَّصِلَةِ وَ تَالِيهَا نَنَيْجَةُ التَّالِيفِ بَيْنَ التَّالِي وَالْحَمْلِيَّةِ كَقُولِنَا كُلَمَا كَانَ اللَّهِ فَهِ دَ وَ كُلَّ دَ \* يُنْتَجُ كُلَمَا كَانَ [ ب فَكُلُّ ج \* وَ تَنْعَقِدُ فَيْمِ الْاَشْكَالُ الْاَرْبَعَةُ وَالشَّرَائِطُ الْمُعْتَبَرَةٌ بَيْنَ الْحَمْلِيَّتَنِي مُعْتَبَرَةً هُهُنَا بَيْنَ التَّالِي وَ الْحَمْلَيَّةِ \*

المَّ الْقَسَمُ الرَّابِعُ مَا يَتُرَكَّبُ مِنَ الْحَمْلِيَّةَ وَ الْمُنْفَصِلَةَ وَهُوَ عَلَى قِسْمَيْنِ \* الْأَوَّلُ اَنْ يَكُونَ عَدَدُ الْحَمْلِيَّةِ وَ الْمُنْفَصِلَةَ وَهُوَ عَلَى قِسْمَيْنِ \* الْأَوْلُ اَنْ يَكُونَ عَدَدُ الْحَمْلِيَّةِ وَالْمَنْفَصِلَةً وَهُو عَلَى قِسْمَيْنِ \* الْأَوْلُ اَنَّ يَكُونَ عَدَدُ التَّالِيْفِ فِي النَّلَيْخَةِ كَقُولِنَا كُلُّ جَ إِمَّا بَ وَ إِمَّا فَ وَ إِمَّا فَ وَ أَمَّا فَعَ وَكُلُّ بَ طَ وَكُلُّ فَي طَ وَكُلُّ فَي طَ وَكُلُّ فَي طَ وَكُلُّ فَي طَ يَنْتُم كُلُّ جَ إِمَّا مَعَ مَا يُشَارِكُهُ مِنَ الْحَمْلِيَّةِ وَإِمَّا مَعَ الْحَبْلَةِ وَإِمَّا مَعَ الْخَيْلِةِ وَإِمَّا مَعَ مَا يُشَارِكُهُ مِنَ الْحَمْلِيَّةِ وَإِمَّا مَعَ الْخَيْلَةِ وَإِمَّا مَعَ الْخَيْلِقِيفِ فِي النَّلَيْفِ فِي النَّلَيْفِ فِي النَّلَيْفِ وَعَى النَّلَيْفِ فِي النَّلَيْفِ وَعَى النَّلَيْفِ وَالْمُلَّ عَلَيْ وَالْمُلَقِ وَالْمُلَاقِ وَالْمُلَوْدُ وَالْمُلَّ عَلَيْقَ وَالْمَالِ وَلُكُنَّ جَ وَكُلُّ فَي الْمَلَوْدِ وَالْمُلُولُ وَالْمَالَ وَلُكُنَّ الْحَمْلِيَّةُ ذَاتُ مُولِكُونَ الْعَمْلِيَّةُ وَالْمَالِقِ الْمُلَوْدِ وَالْمُلُولُ وَالْمَالِيَّةُ وَالْمَالِقِي الْمَالَولِي الْمَالِقُولُ وَالْمُولِي وَالْمُلَالِ وَلَيْنَا إِمَّا كُلُولُ الْمَالِيَّةُ وَلَامَا وَكُلُلُ وَالْمَالِيَّةُ وَالْمَالِولِي الْمَالِيَّةُ وَلَالَا الْمَالِي فَلَا الْمُؤْلِقُ وَعَى الْعَلَيْفُ وَلَى الْمُؤْلِقُ وَلَا الْمُسَارِكِ الللَّهُ الْمُعَلِقُ وَلَالُولُ الْمُ الْمُعَلِقُهُ وَالْمُؤْلِقُ وَلَا الْمُسَارِقِ وَالْمُولِ وَلَيْلُولُ الْمُعَلِقُ الْمُعَلِقُ وَلَا الْمُعَلِقُولُ وَالْمُولُولُ وَلَا الْمُعَالِ وَلَولُولُ الْمُعَلِقُ وَلَا الْمُعَلِقُ وَلَا الْمُعَلِقُ وَلَا الْمُعَلِقُ وَلَا الْمُعَلِقُ وَلَا الْمُعَلِقُ الْمُعَلِقُ وَلَا الْمُعَلِقُ الْمُعَلِقُولُولُ الْمُعَلِقُولُ الْمُعَلِقُولِ الْمُعَلِقُ الْمُعَلِقُ الْمُؤْلِقُولُ الْمُعَلِقُ الْمُعَلِقُ الْمُعَلِقُولُ الْمُعَلِقُولُ الْمُعَلِقُولُ الْمُعَلِقُ الْمُلِولُ الْمُعَلِقُولُولُ الللَّهُ الْمُولُولُ الْمُعَلِقُ الْمُعَا

## ٱلْفَصْلُ الرَّابِعُ فِي الْقِيَاسِ الْاِسْتِشْنَائِتِي

٩ و َ هُو مُركَّبُ مِن مُقَدِّمَتَيْنِ إِحْدَ لَهُمَا شَرْطِيَّةٌ وَ الْاَحْرَى وَضْعُ لِإَحَدِ جُزْئَيْهَا اَوْ رُفْعُهُ لِيَلْوَمَ
 وَضْعَ الْآخَر اَوْ رَفْعُهُ وَ يَجِبُ الْنِجَابُ الشَّرْطِيَّاتِ وَ لُزُومَيَّةٌ الْمُتَصَّلَةِ وَ كُلْيَتُهَا اَوْ كُلَّيَّةٌ الْوَضْعِ أَوِ الْرَفْعِ

إِنْ لَمْ يَكُنْ وَقُتُ الْاِتِّصَالَ وَ الْإِنْفُصَالِ هُو بِعَيْنِهِ وَقَتَ الْوَضْعِ وَ الرَّفْعِ وَ الشَّرْطِيَّةَ الْمُوضُوعَةَ فِيْهِ اِنْ لَمْ يَكُنْ وَقُتُ الْمُقَدِّمِ يُنْتِجُ عَيْنَ اللَّالِي وَ الْسَتَقَنَاءُ نَقَيْضِ النَّالِي يُنْتِجُ لَقَيْضَ الْمُقَدَّمِ وَ الْمُقَدَّمِ وَ اللَّالِي اللَّالُومُ وَوَنَ الْعَكْسِ فِي شَيْعَ مِنْهُمَا لِاحْتِمَالِ كَوْنِ النَّالِي اَعَمَّ مِنَ الْمُقَدَّمِ وَ اِنْ كَانَتُ مُنْفَصِلَةً فَانِ كَانَتُ حَقَيْقَيَّةً فَاسْتَثَنَاءً عَيْنِ الْآخِرِ لاسْتِحَالَةِ الْجُلُو وَ اِنْ كَانَتُ مَانِعَة الْجَمْعِ وَاسْتَثَنَاءً عَيْنَ الْآخُرِ لاسْتِحَالَةِ الْجُلُو وَ اِنْ كَانَتُ مَانِعَة الْجَمْعِ يَنْتَجُ وَ السَّتَثَنَاء عَيْنَ الْآخُرِ لاسْتِحَالَة الخُلُو وَ اِنْ كَانَتُ مَانِعَة الْجَمْعِ يَنْتَجُ وَ السَّتَثَنَاء تَقَيْضَ الْآخُرِ لاسْتِحَالَة الْخُلُو وَ اِنْ كَانَتُ مَانِعَة الْجُمْعِ يَنْتَجُ وَ السَّتَثَنَاء عَيْنَ الْآخُرِ لاسْتِحَالَة الخُلُو وَ اِنْ كَانَتُ مَانِعَة الْجَمْعِ يَنْتَجُ الْقَسْمَ الْآجُرَا وَ الْكُلُو وَ اِنْ كَانَتُ مَانِعَة الْجُلُو يُنْتِمَ الْقَسْمَ الْآجُرَا وَ الْعَلَاقِ الْوَلَا فَقَطْ لامْتَنَاعِ الْأَجْتِمَاعِ وَ وَ اِنْ كَانَتُ مَانِعَة الْجُلُو يُثَنِي الْقَسْمَ الْآجُرَا وَقَلْ الْجَنْعِ وَ الْتَعْلَقِ وَ الْمُقَلِقُ يُعْتِي الْقَسْمَ الْقِلْمَ وَالْمَاعِ الْجَمْعِ فَيْنَ الْعَلَى وَالْمَاعِ وَ الْمُعَلِقُ وَ الْمُعَلِقُ وَ الْمُعَلِقُ وَالْمُ لَوْنَ الْجَمْعِ عَلَى الْمُعْتَى الْقَلْمِ وَالْمُ كَانَتُ مَانِعَة الْخُلُو يُعْتَمِ الْقَلْقِيمُ الْعَلَقِيمُ الْعَيْمَ الْعَلَاقِ الْحَلَقِ الْمُعْتَلِقُ الْعَلَامِ الْمُعْتَى الْقَلْمِ الْمُعْتَى الْعَلَى الْعَلَامِ الْعَلَامِ الْمُعْتَلِقُ الْمُعْتَى الْمُعْتَى الْعَلَقِ الْمُعْتَى الْعَلَقِ الْمُعْتَى الْعَلَقِ الْمُعْتَى الْعَلَقِ الْمُؤْمِنَ الْمُعْتَلِقُ الْعَلَقِ الْمُعْتَعْلِقُ الْمُعْتَى الْمُعْلَقِ الْمُعْتَلِقُ الْمُؤْمِلُولُولُ الْمُؤْمِنَ الْمُعْتَلِقُ الْمُعْتَلِقُ الْمُؤْمِلُولُ الْمُؤْمِقُولُولُ الْمُعْتَى الْمُعْتَى الْمُعْتَلَقِ الْمُعْتَى الْمُعْتَعْمِ الْعَلَقِ الْمُؤْمِلُولُ الْمُعْتَلِقُ الْمُعْتَلِقُ الْمُعْتِعُ الْمُعْتَعِلَامِ الْمُعْتَعِلَمُ الْمُعْتَلَامِ الْمُعْتَا

## ٱلْفَصْلُ الْخَامِسُ فِي لَوَاحِقِ الْقِيَاسِ وَهِيَ ٱرْبَعَةً

٣ هِ ٱلثَّالِثُ الْإِسْتِقْرَاءُ وَهُوَ الْحُكُمُ عَلَى كُلِّتِي لُوجُودِهِ فِيْ ٱكْثَرِ جُزْرُئِيَّاتِهِ كَقَوْلِنَا كُلُّ حَيْوَانِ يَحُرِّكُ وَهُو النَّالِثِ وَهُولَا يُخَرِّكُ كَنَّالِكَ وَهُولَا يُهْفِيْدُ الْيُقَيْنَ لِاحْتَمَالِ آنَ لاَ يَكُونَ وَكُنَّالِكَ وَهُولَا يُهْفِيْدُ الْيُقَيْنَ لِاحْتَمَالِ آنَ لاَ يَكُونَ الْكُلُّ بِهَذِهِ الْمَثَابَةِ كَالتِّمْسَاحِ \*

٩٤ اَلرَّابِعُ النَّمْثِيْلُ وَهُوَ اِثْبَاتُ حُمْمٍ فِي جُزْمُي لِوُجُودِهِ فِي جُزْمُي آخَرَ لِمِعْنَى مُشْتَرِكِ بِيَنَهُمَا كَقَوْلِهِمِ الْعَلَمُ مُؤَلِّفُ فَهُوَ حَادِثُ كَالْبَيْتِ وَ اَثْبَتُواْ عِلَيْةَ الْمَعْنَى الْمُشْتَرِكِ بِالدَّوَرَانِ وَبِالتَّقْسِيْمِ الْعَيْرِ لَعَوْلِهِمِ الْعَلَمُ الْعَيْرِ اللَّهُ وَلَهِمِ الْعَيْرِ اللَّهُ السَّعُونِ إِمَّا التَّالِيْفُ اَوْ كَذَا اَوْ كَذَا وَ الْاجْبَرَانِ بَاطِلاَنِ الْمُرَدَّدِ يَيْنَ النَّقْيِ وَالْإِثْبَاتِ كَقُولِهِمْ عِلَّةُ الْسُحُدُوثِ إِمَّا التَّالِيْفُ اَوْ كَذَا اَوْ كَذَا وَ الْاجْيَرَانِ بَاطِلاَنِ السَّرُوطِ مَدَارً بِالتَّهُمُ الْعَلَيْ وَسَائِلُ الشَّرُوطِ مَدَارً إِللَّهُ مَنْ الْعِلَيْ وَسَائِلُ الشَّرُوطِ مَدَارً إِللَّهُ مَنْ الْعَلَيْ وَسَائِلُ الشَّرُوطِ مَدَارً

مَعَ انَّهَا لَيْسَتْ بِعِلَّةٍ وَامَّا التَّقْسِيْمُ فَالْحَصْرُ مَمْنُوعُ لِجَوَازِ عِلِيَّةٍ غَيْرِ الْمَذْكُورِ وَبِيَّقْدِيْرِ تَشَلِيمُ عِلَيَّةً الْمُشْتَرِكِ فِي الْمَقْيْسِ عَلَيْهُ عَلَيْهُ فِي الْمَقْيْسِ لِجُوّازِ انَ يَكُونَ خُصُومِيَّةُ الْمُقَيْسِ عَلَيْهُ شَرَطًا لِلْعَلِيَّةَ اوْ خُصُومِيَّةُ الْمُقَيْسِ مَا نِعَةً عُنْهَا \*

## وَأَمَّا الْخَاتِمَةُ فَنْيَهَا بَحْثَانِ الْأَقْيسةِ الْلَوْقيسةِ

وه وهي يَقْهُنَيْاتُ وَغَيْرُ يَقْهُنِيَاتُ وَغَيْرُ يَقْهُنِيَاتُ وَ الْكَالُّ الْمُقْفِنَيَّاتُ وَهِي فَضَايا يَحْكُمُ بِهَا بِقُوْمَ ظَاهِرُةِ اوْ بَاطِنَةِ فِي الْجَوْمِ بِيَنَهُمَا كَقَوْلِنَا الْكُلُّ اعْظُمُ مِنَ الْجُوْءُ و مُسَاهَدَاتً وَهِي فَضَايا يُحْكُمُ بِهَا بِقُوْمَ ظَاهِرَةٍ اوْ يَاطِنَةٍ كَالْحُمْ بِانَّ الشَّمْسَ مُضِينَةُ وَانَّ لَنَا خُوفًا وغَضَيًا وَمُجَوَّبَاتُ وَهِي قَضَايا يُحْكُمُ بِيهَا لِيسَقَمُونَيَا مُوجِبُ الْإِسْهَالِ وَحَدْسِيَّاتُ وَهِي قَضَايا يُحْكُمُ بِيهَا لِيسَقَمُونَيَا مُوجِبُ الْإِسْهَالِ وَحَدْسِيَّاتُ وَهِي قَصَايا يُحْكُم بَيْهَا لِيسَقَمُونَيَا مُوجِبُ الْإِسْهَالِ وَحَدْسِيَّاتُ وَهِي قَصَايا يُحْدَمُ الْمَعْلِ لِحَدْسِ اقُوتَى مَنْ النَّمْسِ وَ الْحَدْسِ الْمُوتَى وَهِي قَصَايا يُحْدَمُ اللَّهُ الْمَعْلَالِ مِنَ النَّمْسِ مُعْمَدِ لِلْمِلْمِ الْحَدْمِ اللَّهُ اللَّهُ الْمَعْلِ الْمَعْلِ اللَّهُ عَلَى الْمُطَالِبِ وَمُتَوَاتِوَاتُواتُوا وَهِي قَضَايا يُحْمَمُ اللَّمْنِ اللَّهُ الل

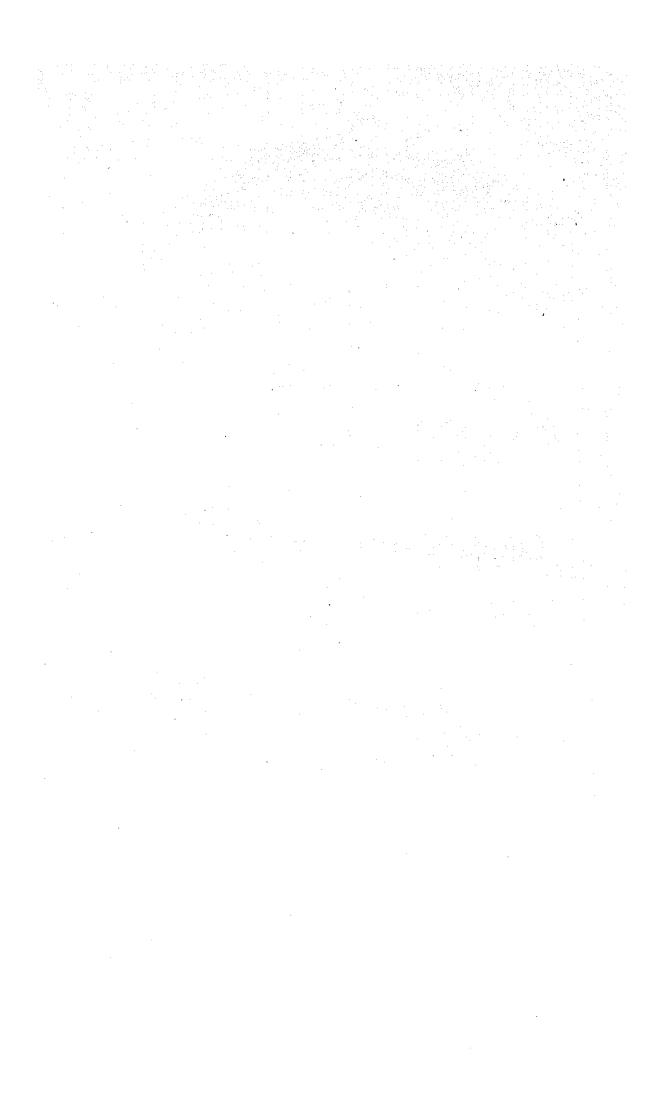
9 9 وَ أَمَّا غَيْرُ الْيَقَيْنِيَّاتِ فَسِتُ مَشْهُورَاتُ وَهِي قَصَايا يُحْكُمُ بِهَا لِاعْتَرَافِ جَمِيْعِ النَّاسِ بِهَا لِمَصْلَحَةً عَامَّةً اَوْ رَقَّةً اَوْ حَمِيَّةً اَوْ اِنْفِعَالاَتِ عَنْ عَاداَتٍ وَشَرَا يُعَ وَآدَاتٍ وَ الْقَرْقُ بَيْنَهُمَا وَبَيْنَ الْأَوَّلِيَّاتِ اَنَّ الإِنْسَانَ لَوْ خَلِي وَ الْقَرْقُ بَيْنَهُمَا وَبَيْنَ الْأَوَّلِيَّاتِ اَنَّ الإِنْسَانَ لُو خَلِي وَ نَفْسَهُ مَعَ قَطْعِ النَّامُ عَمَّا وَرَاءً عَقَلَه لَمْ يَحْكُمُ بِهَا بِخِلَافِ الْأَرْلِيَّاتِ كَقَوْلِنا الظَّلَمُ قَبَيْحَ وَ الْعَدَلُ لَوْ خَلْقُ وَمِنْ هَذِهِ مَا يُكُونَ صَادِقًا وَمَا يَكُونَ كَا ذِبًا حَمَّى وَ كَشَفُ الْعَوْرَةِ فَا مِنْ مُورِا عَاةً الضَّعَفَاءِ مَحْمُونَةً وَمِنْ هَذِهِ مَا يُكُونُ صَادِقًا وَمَا يَكُونُ كَا ذِبًا

وَلِكُلُّ قَوْم مَشْهُوْرَاتُ وَلِاَهْلِ كُلِّ مَنَاعَة بِحَسَهِهَا وَمُسَلَّمَاتُ وَهِي قَضَايَا تُسَلَّمُ مِنَ الْحَصْمِ وَلَيْكُلُّ قَوْم مَشْهُوْرَاتُ وَلِاَهُمُ وَمُسَلِّمُ الْفَوْمَ وَالْقَيْلُسُ الْلَوْقَا مِن هُذَيْنِ يُسَمَّى جَدَلاً وَالْعَرْضُ مِنْهُ اِتَّفَاعُ الْقَاصِرِ عَنْ دَرْكِ الْبَرْهَانِ وَ الْزَامُ الْخَصْمِ وَمُقْبُولاتُ وَهِي قَضَايا تُوخُذُ مَمَّن يُعْتَقَدُ فيهِ إِمَّا لِا مُرْسِمًا وَيَ الْوَقَامِ وَالْوَالُمُ الْخَصْمِ وَمُقْبُولاتُ وَهِي قَضَايا تُوخُذُ مِمَّن يُعْتَقَدُ فيهِ إِمَّا الْبَعْنَ فيهِ إِمَّا الْبَعْنَ فيهِ إِمَّا الْبَعْنَ فيهِ إِلَّا لِللّهِ عَلَى وَلَا لَهُ اللّهُ وَلَا اللّهُ وَلَا اللّهُ وَلَا اللّهُ وَاللّهُ اللّهُ وَاللّهُ وَاللّهُ وَاللّهُ اللّهُ وَاللّهُ وَوَلَا اللّهُ وَاللّهُ وَلَا اللّهُ وَاللّهُ وَلَا اللّهُ وَاللّهُ وَالل

٧٥ وَ الْمُعَالَطَةُ قَيْلُسُ تَفْسُدُ مُورَتُهُ بِانَ لَا يَكُونَ عَلَى هَيْئَةٍ مُنْتَجَةٍ لِا خُتِلْلِ شَرْطٍ مُعْتَبَرٍ بِحَسَبِ الْمَتَدِيَّةِ أَوِ الْمَعْلَقِةِ أَوِ الْجَهِةِ أَوْ مَا قَتُهُ بِانَ يَكُونَ بَعْضُ الْمَقْتِمَةِ وَ الْمَطْلُوبِ شَيْئًا وَ احِدًا لَكُونِ الْا لَهُ الْمُ مَتَرَادِ فَةٌ كَقُولُنِنَا كُلَّ اِنْسَانٍ بَشَرُ وَ كُلَّ بَشَرٍ ضَجَّاكُ فَكُلُّ اِنْسَانٍ ضَجَّاكُ اَوْكَاذِ بَةً شَبِيْهَةً بِالصَّادِقَةِ مِن مَتَرَادِ فَةٌ كَقُولُنِنَا كُلَّ اِنْسَانٍ بَشَرُ وَ كُلَّ بَشَرٍ ضَجَّاكُ فَكُلُّ اِنْسَانٍ مَعْقُلُ لِنَا لِصُورَةِ الْفَرَسِ الْمُنْتَجِمِ الْمُعْلَقِ فَي الْمُوضَوْعِ فِي الْمُوضَوْعِ فِي الْمُوجِيةِ كَقُولُنِنَا كُلُّ اِنْسَانٍ وَ فَرَسٍ فَهُو فَرَسُ يُنْتَجُ اللَّ يَعْضُ الْإِنْسَانِ فَرَسُ وَ فَكُلُّ اِنْسَانٍ وَ فَرَسٍ فَهُو فَرَسُ يُنْتَجُ اللَّ يَعْضُ الْإِنْسَانِ فَرَسُ وَفَعِ الطَّبِيْعِيَّةً مَقَامَ وَفَرَسٍ فَهُو أَيْنَا الْإِنْسَانُ وَكُلُّ اِنْسَانِ وَ فَرَسٍ فَهُو فَرَسُ يُنْتَجُ اللَّ الْإِنْسَانَ فَرَسُ وَفَحْ الطَّبِيْعِيَّة مَقَامَ الْعَلَيْقَ كَفُولُنِنَا الْإِنْسَانُ حَيْوَانُ وَ كُلِّ الْمُسَلِّحِيَّةً فَي الْمُعْرَانُ وَكُلُلُ الْمُعَلِقَةَ فِي الْفَعَلِقَةِ عَلَى الْفَعَلِقَةِ مَنَ الْمُعْمَلِلُ لِلْمُعَالِطَة هُو سُطَائِيِيَّ الْمُعْرَالُ لِمُعْلَامُ وَلَا الْمُسْتَعْمِلُ لِلْمُعَالِطَة هُو سُطَائِي الْمُعَلِقَة فِي الْمُعْرَافِي الْمُعْرَافِقَ عَلَى الْمُعْرَالُ لِلْمُعَالِطَة هُو سُطَائِي الْمُعَلِقِي الْمُعَلِقِي الْمُعْرِقِي الْمُسْتَعْمِلُ لِلْمُعَالِطَة هُو سُلُوا الْمُسْتَعْمِلُ لِلْمُعَالِطَة هُو سُطَائِي الْمُعْرِقِي الْمُعْلِقِي الْمُعْرِقِ الْمُسْتَعْمِلُ لِلْمُعَالِطَة هُو سُلَامُ الْمُعَلِقِ الْمُعْرِقُ الْمُعْرِقُ الْمُعْرِقِي الْمُعْرِقُ الْمُعْرَاقِ الْمُسْتَعْمِلُ لِلْمُعَالِطَة هُو مُسُواعِ اللْمُعَالِطَة مُولُ الْمُعْرِقِ الْمُعْرِقُ الْمُعْرِقُ الْمُعْرِقُ الْمُ الْمُعْرِقُ الْمُعْمِلُ الْمُعْرِقُ الْمُعْلِقِي الْمُعْرِقُ الْمُعْرِقُ الْمُعْلِقِ الْمُعْرِقُ الْمُعْلِقُ الْمُعْلِقِي الْمُعْرِقُ الْمُعْلِقُ الْمُعْرِقُ الْمُعْلِقُ الْمُعْرِقُ الْمُعْرِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْرِقُ الْمُعْلِقُ الْمُعْلِقُ الْمُعْلِ

## أَلْبَحْتُ النَّانِي فِي أَجْزَا ِ الْعُلُومِ

٩٨ و هِي مُوضُوعاتُ و قَدْ عَرْفَهَا و قَدْ عَرْفَتَها و مَبَاد و هِي حُدُ و دُ الْمُوضُوعاتِ وَ اَجْزَا بُهَا وَاعْرَاضِهَا الذَّا البَّهِ الْمُلْعَدُ مَاتُ عَيْر الْبَيِّنَة فِي نَفْسِهَا الْمُأْخُودَة عَلَى سَبِيلِ الْوَضْع كَقُولِنَا لَنَا ان نَصِلَ بَيْنَ كُلِّ نَقْطَتَهُ شِكْنَا وَالْبُرَة وَ الْمُقَدِّمَاتُ الْبَيِّنَة بِنَفْسِهَا كَقُولُنا المُقَاد يُرُ بِخَطُّ مُسَاتُهُ وَ مُسَائِلُ وَهِي الْقَضَايَ الْبَيْنَة بَهِ نِشَبَة مُحْمُولاتِهَا الْمُقَاد يُرُ الْمُسَاوِية لَهُ لِمِقْدَارِ وَاحِد مُتَسَاوِيَة وَمُسَائِلُ وَهِي الْقَضَايَ الّتِي تُطْلَبُ بِهَا نِسَبَة مُحْمُولاتِهَا الْمَلَى الْمُعْرَفِي الْمُسَاوِية وَمُومُوعاتَهَا كُلُ وَهِي الْقَضَايَ الْتَيْ تُطْلَبُ بِهَا نِسَبَة مُحْمُولاتِهَا اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ وَمُومُ عُوعاتُهَا كُلُّ مَعْدَارٍ وَسَطَّ فِي النِّسَبَة فَهُوطِئَا كُل مِقْدَارٍ مُشَارِكُ لِلْآخِرِ الْمُلْكِ وَمُومُ وَعَاتُهَا كُلُّ مَقْدَارٍ وَسَطَّ فِي النِّسَبَة فَهُوطِئَع مَا يُحيَط بِهِ الطَّرْفَانِ وَمُعَ عَرْضِ ذَاتِي كَقُولِنَا كُلُّ حَقْمَ الْمَعْمَ وَقَلْ لِنَا كُلُّ حَقْلُ لِنَا كُلُّ حَقْلُ لِنَا كُلُّ خَطْ يَمُنَى تَنْصَيْفَة وَقَدْ تَكُونُ نَوْعَة مَعْ عَرْضِ ذَاتِي كَقُولِنَا كُلُّ خَطْ يَدُى تَعْمُولُ تَهَا لَمُ مَعْتُولِ الْمُلْلِق مِثْلُ كُلُّ حَلَّ يَمُولُ اللَّهُ الْمُولِي الْمُولِي الْمُرْمَانِ \* وَلَيْكُنَّ هُذَا آخِرُا لَكُولَا فِي هُولِي الْمِسَالَةِ \* وَالْحَمَدُ لِلَه الْمِسَاقِيَّ فِي هُولِي الْمِسَالَة \* وَالْحَمَدُ لِلْهُ الْمُولِي عُرْمُ لَكُولِكُولِ الْمُقَلِقِ مِنْ الْغُولُولِي مُنْ الْمُعْلِقِ فَي هُولِي الْمِسَالَة \* وَالْحَمَدُ لِلّهِ الْمُولِي الْمُولِي عُلْمَ الْمُلْ الْمُولِي عُلْمَ اللَّهُ الْمُولِي عَلَى مُعَمِّدُ وَاللَّهُ مُنْ الْفُولِي فِي هُولِهِ الْمِسَالَة \* وَالْحَمَدُ لِلّهِ الْوَلَا مُولِي الْمُولِي عَلَى الْمُعَلِي الْمُولِي عُلْلَ اللّهُ اللّهُ اللّهُ اللّهُ الْمُؤْمِلُ الْمُؤْمِلُولُ اللّهُ الللّهُ اللّهُ اللّهُ اللّهُ اللّهُ اللّهُ الللللّهُ اللّهُ ا



#### SECOND INQUIRY.

On the parts of which Sciences consist.

They are: [First] the subjects (or topics of the science) of which we have spoken above [§ 6]; [Secondly] the principles, that is to say, the descriptions (or definitions) of the subjects and their parts and essential accidents and the premisses of the sciences. These are of two kinds, either they are not selfevident and taken by the way of appointment [i. e. taken as granted; regarding "appointment" see § 8.] e. g. connecting any two parts by a straight line; drawing a circle at any distance round any point—or they are self-evident, e.g. quantities equal to another quantity are equal among themselves. [Thirdly] the theorems; these are propositions by which the relation of the predicates to their subjects in the respective science is investigated. Their subjects are either identical with the subjects of the science, e. g. every quantity either has something in common with another quantity or it is heterogeneous. Or they are identical, but contain in addition an essential accident, e. g. every mean quantity is a side which is surrounded by the two extremes; or the subject is the species, [and the subject of the science is the genus, e. g. every line can be divided into two halves; or it is the species together with an essential accident, e.g. if a line stands upon another, the angles on either side are either two right angles or equal to two right angles; or it is an essential accident, e.g. the angles of every triangle are equal to two The predicates of theorems are external to their subjects, for it is inadmissible that it should be necessary to establish a part of a thing by demonstra-Here ends the Risálah Shamsyyah.

- [4] Presumptions, these are propositions founded on belief, e. g. a man who sneaks about at night is a thief. A syllogism (argument), composed of these two kinds of propositions is called oratorial. Its object is to exhort the hearer to things useful for him, such as good morals and religiousness. [5] Imaginativa, these, are propositions which produce wonderful effects on the mind such as melancholy, joy, &c., e. g. wine is fluid ruby, honey is bitter and nauseous. A syllogism composed of such propositions is called poetry and its object is to impress the soul with a desire or dislike, and it is accompanied by metre and a sweet voice. Preconceptions; being judgments of wahm (and not of reason) they are false propositions regarding things, which are not objects of the senses, e. g. what we can see is all that exists and beyond the world is infinite space. Preconceptions if they were not refuted by reason or revelation would pass for axioms, but their falsity can be recognized by this that reason assents to them as mere premises of a syllogism; yet upon finding that they lead to a conclusion contradictory of its judgment, it cannot but deny and reject the result. A syllogism consisting of preconceptions is called sophistry, and its object is to silence the opponent.
- 46. Wahm means originally a fancy or thought which we cannot get rid of. It is said in the tradition وهم قرويج صيمونة "he could not help thinking of the marriage with Maymúniah." Hence "وهم قرويج صيمونة إلى "he could not help thinking of the marriage with Maymúniah." Hence "وهم المحافظة إلى "to cause to forget" "to mislead;" hence yhûm means a sentence which has two or more meanings of which the less obvious is intended—a pun, because it is an attempt to mislead the reader. Wahm means also a misconception and answers precisely to the German word Wahn, and it is used in places like this, our fear of a dead body is a wahm. In this sense it is frequently used in Hindústány. Philosophers have invented a separate faculty for illusory impressions, and they call this faculty equally wahm as it will be perceived from the text. The commentator says: "wahm is a corporeal [or physical in opposition to mental] faculty of man, by which he perceives such particular [notions] as cannot be perceived by the senses. This faculty follows the senses." According to Jorjány it means instinct; he says that we perceive by it moral qualities such as bravery, liberality, &c., and that it is the faculty which causes the sheep to love its young one, and to fear the wolf.
- 99. Fallacy means an error in the form of syllogism, which renders it inconclusive on account a violation of some important condition in reference to quantity or quality or mode, or of an error in the matter. In a fallacy one of the premisses and the question may be identical, the words used being synonymous, e. g. every man is a person, and every person is risible, therefore every man is risible. Or one of the premisses may be false but resembling truth, owing to the improper use of a word e. g. if we were to say of a painted horse; every horse neighs, this is a horse; therefore it neighs. Or the falsity of the premisses may be owing to a mistake in the meaning, e. g. all what is man and horse is man and all what is horse and man is horse; therefore same men are horse. Or a physical [universal] may be used instead of a [logical] universal, e. g. man is an animal, animal is a genus; therefore man is a genus. Or a conception of the intellect may be taken for a real thing and vice versa. You must observe all these things that you may not fall into error. He who makes use of fallacies is called sophist, if he meets a philosopher with them; but if he meets a disputant with them, he is called eristicos.

that the sun is giving light, or that we feel fear and anger, [the former propositions of this class are called حسيات sensualia, and the latter رجدانيات sensa.] [3] Experta, these are propositions which are the result of repeated observation enabling us to arrive to certainty, e. g. scamony is a purgative. [4] Acumenalia (guesses); these are propositions which are arrived at by superior acuteness which leads to knowledge, e. g. the light of the moon is reflected from the sun. Acuteness means quickness in [5] Testata; these are propositions passing from [general] principles to results. which rest on abundant testimony regarding a subject of which we know that it is not impossible. Such testimony must be free from suspicion of a conspiracy of the witnesses, e. g. the existence of Makkah and Baghdad. The number of witnesses required to make a fact certain cannot be laid down; but we ought to have a number sufficient to destroy all doubt. Knowledge acquired by experience, acuteness and testimony cannot be an argument against other knowledge. [6]. Propositions accompanied by their demonstrations; in these propositions we come to a judgment by a medium which is not concealed from our intellect at the time we apprehend the terms of the proposition, e. g. four is an even number because it is divisible into two equal parts.

The syllogism which is composed of these six kinds of propositions is called demonstration. It is of two kinds: it is called propteric (from propter quid,  $\delta_{lore}$ ,) if the middle term is the cause of the relation [of the two terms] both in the intellect and in reality, (i. e. subjectively and objectively,) e. g. the humors of this person are putrid, every person whose humors are putrid suffers from fever, therefore this person suffers from fever. It is called quiatic (from quia,) if the middle term is the cause of the relation in the intellect only, (i. e. merely subjectively,) e. g. this man has fever, every person who suffers from fever has putrid humors, therefore this person has putrid humors, [the presence of fever is the cause of our conviction that the humors are putrid; but in reality it is the effect of the putridity of the humors.]

There are six non-certainties. [1] Nota; these are propositions which are acknowledged by all men, on the ground of general expediency, [e.g. justice is good, oppression is bad, or on the ground of sympathy, [e.g. to protect the weak is praise-worthy], or on account of propriety, [e. g. exposing the pudenda is wrong,] or on the ground of popular habits, [e. g. the killing of animals is not right with the Hindús,] or on the ground of divine law and humanity. We can distinguish conventional principles from axioms by divesting ourselves of every thing which is not in the mind itself; by doing so we arrive to axioms but not to conventional principles. Some of these principles are true and others are false. Every nation and every profession has its own conventional principles. [2] Admissa; these are propositions which have been admitted by the opponent and upon which the disputation is founded with a view of refuting him, [they may be generally admitted or merely by the disputant, e. g. the questions regarding the sources of the law with divines. syllogism (argument) composed of these two classes is called disputation. is to satisfy an opponent who fails to see the force of an exact demonstration. Accepta, these are propositions which are taken on the authority of a person on faith, on account of his being [supposed to be] endowed with supernatural powers or superior knowledge or religiousness, e.g. maxims which we take from learned or holy

- 95. Third.—Induction is a judgment that, what is found in most of the parts (dividing members) is universal, e. g. all animals move the lower jaw in eating because oxen, tiger, &c. move it. This does not enable us to arrive at certainty on account of the presumption, that not all are like those, as is the case (in regard to the above example) with the crocodile. [If a thing is found in all the dividing members, it is called القياس المقسم enumeratio partium.]
- 96. Fourth.—Example. A judgment is affirmed of a particular (singular) which is applicable to another particular, because they have a meaning [see note 11] in common. e. g. the world is composed of parts and therefore, as in the case of a house, it does not exist from eternity. That the meaning which the two particulars have in common has the nature of a cause is demonstrated by the argument of "concomitancy" and of "division." This last however does not amount to a dilemmatic judgment, such that if one part is false the other must be true, e.g. the cause of destructibility is either composition or such a thing or such a thing; the futility of the two latter assumptions is shown by reductio ad absurdum, and thereby the first is established. Both these arguments are weak. The former because the last [of the four] parts of a complete cause together with all the conditions is called the madár of an effect, but it cannot be called its cause. Division forms a weak argument, because it is impossible to say that nothing else [than the parts enumerated] is the cause, and supposing it be admitted that, what the two things which are analogous, have in common, is the cause in the case cited, it does not follow that it is also the cause of the thing to be proved, for it may happen that a peculiarity of the case cited is the condition for the operations of the cause or that a peculiarity of the thing to be proved renders it impossible that the same cause should be in operation.
- 44. A complete cause consists of four parts or causes 1. العلة المأدية (عدد معدد a materialis, 3. العلة المأدية (العالم العلة الغائية) causa materialis, 3. العلة الصورية causa formalis, 4. العلة العالم causa intentionalis. The smith is the first of this four causes in producing a knife, iron is the second, the shape is the third, and the object (cutting,) is the fourth, or, as it is called in the text, the last; (see Maybodzy, Calcutta edition, p. 206.)
- 45. In law the example is called syllogism, and the first particular (singular) is called branch فرع the second particular is called root إلى and what they have in common is called cause العامع) or the connecting link The reader will observe in studying the original text of this paragraph that the root is called مقيس عليه In Logic and the branch مقيس. In Logic the concomitans is called عدار and that of which it is the concomitans is called madár

### CONCLUSION.

#### FIRST INQUIRY.

### On the matter of Syllogisms.

97. The matter of a syllogism is either a certainty or a non-certainty. There are six certainties. [1] Axioms (or first principles). These are propositions the apprehension of whose two terms is by itself sufficient to convey conviction, e. g. the total is greater than the part. [2] Observata; these are propositions in which we pronounce on the strength of the perception of our external or internal faculties, e. g.

sive] it is necessary: [First] that the hypotheticals be affirmative; [Secondly] that if the hypothetical is conjunctive, it be cogent (literally adhesive,) [and that, if it is disjunctive,] it be antagonistic; [Thirdly] that either the hypotheticals be universal or that the assertion that one of the parts is or is not be universal (i. e. that it be asserted it is or is not at all times and under all circumstances); unless the time of conjunction or disjunction is also the time regarding which it is asserted that the part is or is not, [e. g. whenever Zayd comes with Bakr in the afternoon, I receive him with honor, he did come with Bakr in the afternoon and therefore he was received by me with honor.]

If the hypothetical which forms part of the interpellative syllogism is conjunctive, from the interpellation of the antecedent follows the consequent as conclusion, and from the interpellation of the contradictory of the consequent follows the contradictory of the antecedent as conclusion. If this is not the case the adhesion is not established. The reverse is not admissible in either of the above two cases, for the consequent may be more general than the antecedent.

If the hypothetical is a veritable disjunctive proposition, [see § 53] and if, in the interpellation any part, whichsoever, is asserted, there follows from it the contradictory of the other part on account of their incompatibility, but if the interpellation consists of the contradictory of any part, whichsoever, there follows from it the other part on account of their exclusiveness.

If the disjunctive hypothetical is incompatible, the conclusion is as in the first case only, (i. e. there follows from it the contradictory of one part, if the other is asserted with interpellation;) because the two parts are incompatible but not exclusive; and if the disjunctive is exclusive, the conclusion is as in the second case only, because the two parts are exclusive but not incompatible, (e. g. either Zayd is on the sea or he is not drowned; but he is not at sea therefore he is not drowned).

#### FIFTH SECTION.

### Pendents of the Syllogism.

- 93. These are four. First.—The compound syllogism (the Sorites). It is composed of several premisses, some (two) of which lead to a conclusion, which (conclusion) with another premiss leads to another conclusion, and so on until we arrive at the question. The conclusions are either connected, as every C is B, and every B is D, therefore every C is D; again every C is D and every D is A, and therefore every C is A; again every C is A and every A is E, therefore every C is E; or the conclusions are disconnected, as, every C is B and every B is D and every D is A and every A is E; therefore every C is E.
- 94. Second.—Reductio ad absurdum. The question is proved by disproving the contradictory thereof; e. g. If you deny that some C is not B, let every C be B and let every B be A. Now if this proposition (every B is A) is true, we say if you deny that some C is not B, you must allow that every C is A; but not every C is A, and therefore your assertion is absurd, and there follows not every C is B. This was to be demonstrated.

90. Fourth kind. It is composed of a categorical and a disjunctive premiss and it is of two descriptions. First.—The number of categorical propositions is the same as the number of disjunctions, and each categorical proposition has one term with the parts of the disjunction in common, and the composition is either identical or there is a difference of composition in the conclusion. Example of a case in which the composition is identical: Every C is either B or D or E, and every B is T and every D is T and every E is T; hence it follows that every C is T, because the parts of the disjunction [B, D, E] are true of that term of the categoric premiss which it has in common with the disjunctive premiss. Example in which there is a difference of composition in the conclusion, every C is either B or D or E; but every B is C and every D is T and every E is Z, hence it follows that every C is either C or T or Z, for the reasons just mentioned.

Secondly.—If there are fewer categoric propositions than there are parts of the disjunction, let us suppose there be a categorical proposition of one part and a disjunctive one of two parts, and the categoric proposition have a term in common with the latter, e. g. either, every A is T, or every C is B, but every B is D, hence it follows that either every A is T, or every C is D, on account of the exclusiveness which there is between the premisses of the composition and the term which they have not in common. [If there is no such exclusiveness, the conclusion is not of necessity correct.]

91. Fifth kind. It is composed of a conjunctive and of a disjunctive proposition, and the two premisses have either a complete part in common or an incomplete part. In either case only a syllogism in which the conjunctive proposition forms the minor and the disjunctive, the major, is conclusive. Example of the first case: Whenever A is B, C is D, but invariably either every C is D, or E is Z, hence it follows that invariably either, every A is B or E is Z. If the disjunctive proposition, [either C is D or E is Z] is incompatible, the conclusion is equally incompatible, because if a thing is incompatible with the adherent, either perpetually, or only now and then, it follows of necessity that it be also incompatible with the substrate either perpetually or now and then, (i. e. under certain circumstances;) and if the disjunctive is exclusive, the conclusion is "it happens sometimes;" for if A is not B, then E is Z, for the contradictory of the middle term [C is D] requires the two terms [of the conclusion to be "E is Z" and "the contradictory of A is B."] The question is demonstrated by the third figure.

Secondly.—[If the two premisses have an incomplete part in common, we say] whenever A is B, every C is D, and perpetually either, every D is E, or D is Z; if the disjunctive proposition is exclusive, the conclusion is, whenever A is B, either every C or E, or D is Z.

### FOURTH SECTION.

## On the Interpellative Syllogism.

92. It is composed of two antecedents; one of the two is hypothetical and the other is an assertion that one of its two parts is or is not, and from this assertion follows that the other part is or is not. [In order that such a syllogism be conclu-

reductio ad impossibile, that is to say, the contradictory of the conclusion is added to one of the two premisses in order that a conclusion may be come to, which is the converse of the contradictory of the other premiss [e. g., supposing it be not true that some C is A, then it must be true that no C is A; then let us take this as the major premiss and add, every B is C, as the minor; and it follows, no B is A, and by conversion no A is B]. The second and fifth mood can be demonstrated by supposition. We employ supposition for demonstrating the second mood, and the fifth can then be treated in the same manner. Let some individua of A be D, then it follows that every D is A and every D is B, therefore we say, every B is C, and every D is B, and some C is D, and every D is A, and some C is A; this was to be demonstrated.

83 The ancients considered only the first five moods of this figure as conclusive and they held that owing to non-identity in the conclusion the remaining three were not conclusive, this is the case if both premisses are simple, we therefore make it a condition that the negative premiss be of one of the two kinds of peculiar propositions [i. e. the conditioned or the conventional]. This obviates non-identity.

### THIRD SECTION.

## Conjugate Syllogism containing hypothetical premisses.

87. These are of five kinds.—The *first* is composed of conjunctive premisses. The norm of this class is a syllogism in which the two premisses have a complete part (term) in common and in reference to this term syllogisms of this kind are classed under the four figures. If the common term is the consequent in the minor premiss and the antecedent in the major, we have the first figure. If it is the consequent in both we have the second. If it is the antecedent in both we have the third figure. If it is the antecedent in the minor premiss and the consequent in the major we have the fourth figure. The conditions of arriving at conclusions, the number of moods and the quantity and quality of the conclusion of every figure are exactly the same as in the categorical. Example of the first mood: whenever A is B, C is D, and whenever C is D, E is Z, consequently whenever A is B, E is Z.

88. Second kind. It is composed of two disjunctive premisses; the norm of this class is a syllogism in which the two premisses have not a complete part in common, as: invariably either every A is B or every C is D; again, either every D is E, or every D is Z, consequently, either every A is B or every C is E or every D is Z. [This conclusion is correct,] on account of the exclusiveness which there exists between the two premisses of the composition [i. e., every C is D and every D is E] and one of the other two premisses [i. e. every A is B and every E is Z].

89. Third kind. It is composed of a categoric and conjunctive premiss. The norm of this class is a syllogism in which the categorical proposition is the major and has a term in common with the consequent of the conjunctive [minor]. The conclusion of the syllogism is a conjunctive proposition, the antecedent of which is the antecedent of the conjunctive premiss, and the consequent is the conclusion of the composition between the consequent [in the minor] and the categorical [premiss], e. g., whenever A is B; C is D; farther D is E; therefore, whenever A is B, every C is E.

Fourthly.—From an affirmative particular minor premiss and a negative universal major a particular negative conclusion is deduced, as some B is C, and no B is A; therefore some C is not A. This can be demonstrated by reductio ad impossibile and by conversion of the minor and by supposition.

Fifthly.—From two affirmative premisses the minor being universal an affirmative particular is derived, as, every B is C, and some B is A; therefore some C is A. This can be shown by reductio ad impossibile and by using the converted major as minor and then converting the conclusion. It can also be shown by supposition.

Sixthly.—From an affirmative universal minor premiss and a negative particular major a negative particular conclusion is derived, as, every B is C, and some B is not A, therefore some C is not A. This can be shown by reductio ad impossibile and by supposition if the negative be compound [see  $\S$  46].

82. Fourth figure. In regard to the quality, and quantity, it is necessary that the two premisses be affirmative and the minor premiss a universal; or the two premisses must differ from each other in quality and one of them must be a universal. If this be not the case there will be non-identity which renders it impossible to come to a conclusion. This figure has eight conclusive moods:—

First.—From two affirmative universal premisses an affirmative particular conclusion is deduced, as, every B is C, and every A is B; therefore some C is A. It is demonstrated by conversion of the arrangement which gives a converted conclusion, [i. e. every A is B, and every B is C; therefore every A is C.]

Secondly.—From two affirmative premisses, the major being a particular, follows an affirmative particular conclusion, as, every B is C, and some A is B; therefore some C is A; the demonstration is the same as in the preceding mood.

Thirdly.—From two universal premisses, the minor being negative, follows a negative universal conclusion, as, no B is C, and every  $\Lambda$  is B; and therefore no C is  $\Lambda$ . The demonstration is the same as above.

Fourthly.—From two universal premisses, the minor being affirmative, follows a negative particular conclusion, as, every B is C, and no A is B; therefore some C is not  $\Lambda$ . It is demonstrated by the conversion of the two premisses; [viz. some C is B, and no B is  $\Lambda$ ; therefore some C is not  $\Lambda$ .]

Fifthly.—From an affirmative particular minor and a negative universal major follows a negative particular conclusion, as, some B is C, and no A is B; therefore some C is not A. It is demonstrated like the preceding.

Sixthly.—From a negative particular minor and an affirmative universal major follows a negative particular conclusion, as, some B is not C, and every A is B; therefore some C is not A. By conversion of the minor it is reduced to the second [figure].

Seventhly.—From an affirmative universal minor and a negative particular major follows a negative particular conclusion, as, every B is C, and some A is not B; therefore some C is not A. By conversion of the major it is reduced to the third figure.

Eighthly.—From a negative universal minor and an affirmative particular major follows a negative particular conclusion, as, no B is C, and some A is B; therefore some C is not A. It is demonstrated by conversion of the arrangement whereby a converted conclusion is arrived to; the first five moods can also be demonstrated by

the conclusion is attached to the major premiss, producing the contradictory of the minor premiss as conclusion, [e. g., if you deny that no man is a stone, let us suppose, some men are stones; under this supposition we have: some men are stones; no stone is an animal; therefore some men are not animals—this is contrary to the admission, that every man is an animal.] [It can also be demonstrated] by conversion of the major premiss, [e. g., every animal is a not-stone,] whereby it is reduced to the first figure.

Secondly.—From two universals, the major premiss being affirmative a negative universal conclusion is obtained, e. g., no C is B; and every A is B; therefore no C is A. This can be demonstrated by reductio ad impossibile; and also by converting the minor premiss, putting it into the place of the major [taking the major as the minor and converting of the conclusion].

Thirdly.—From an affirmative particular minor premiss and negative universal major a negative particular conclusion is deduced, as: some C [men] are B [fair]; no A [negro] is B; therefore some C are not A. This can be demonstrated by reductio ad impossibile and conversion of the major whereby it is reduced to the first figure. [It can also be demonstrated by supposition:] let us suppose for this purpose that the exact subject of the particular proposition be D [Caucasians], then every D is B, no A is B; therefore no D is A. Hence we say, some C is D; and no D is A; therefore some C is not A.

Fourthly.—From a negative particular minor and an affirmative universal major a negative particular conclusion is deduced, as: some C is not B; and every A is B; therefore some C is not A. It can be demonstrated by reductio ad impossibile; and by supposition, if the negative be compound, (i. e. not indivisible, otherwise the subject might have no assignable significates; see § 46.)

81. In the third figure the minor must be affirmative, else there will be non-identity, and one of the two premises must be universal, else some of the things of which the minor term is predicated may be different from some of the things of which the major is predicated, and consequently it leads to no result.

The conclusive moods of this figure are six: First.—From two universal affirmative premisses an affirmative particular conclusion is derived, as, every B is C; and every B is A; therefore some C is A. It can be demonstrated by reductio ad impossibile, i. e. the contradictory of the conclusion is [taken as major premiss and] added to the minor premiss to deduce the contradictory of the major; and [it can also be demonstrated by reduction to the first figure,] which is effected by the conversion of the minor.

Secondly.—From two universals the minor premiss being negative, a negative particular conclusion is deduced, as: every C is B, and no B is A; therefore some C is not A. [It can be demonstrated by reductio ad impossibile and] by conversion of the minor premiss.

Thirdly.—From two affirmative premisses, the major being a universal, an affirmative particular conclusion is deduced, as, some B is C, and every B is A; therefore some C is A. [This can be demonstrated] by reductio ad impossibile and by conversion of the minor, and by supposing the [exact] subject of the particular premiss to be D. Then: every D is B, and every B is A; therefore every D is A, then we say: D is C and every D is A; therefore some C is A; and this was to be demonstrated.

- 42. The hypothetical syllogism is called interpellative, because the conjunction "but" is used in it, which is called the "exceptive conjunction" in Logic, but in grammar it is called "reparative or interpellative conjunction" حرف الاستدراك. The latter term appears to me best to express the idea. The sentence following "but" is called استثنا which literally means exception but which I translate by interpellation.
- 78. The subject of the question is called minor [term,] and its predicate is called major, and a proposition which forms part of a Syllogism is called premiss, and the premiss which contains the minor [term] is called minor [premiss], and that which contains the major [term] major [premiss], and the repeated intermediate term is called the middle term, the conjugation (connexion) between the minor and major premisses is called the mood, and the shape resulting from the manner in which the middle term is placed in regard the other two terms is called figure. There are four figures: in the first figure the middle term is the predicate in the minor premiss and the subject in the major premiss; in the second figure it is the predicate in both; in the third figure it is the subject in both; and in the fourth figure it is the subject in the minor premiss.
- 43. If the premisses of a syllogism, says Qotby, are categoric propositions, it is called categoric syllogism القياس الحيلي. If the "adhærens" is considered as the result of the syllogism, it is called conclusion and if it is yet to be demonstrated by a syllogism, question المطارب. The minor term is generally less extensive than the major, hence their names.
- 79. In the first figure the minor premiss must be affirmative, for else the minor term is not contained in the middle term. The major premiss must be a universal (proposition), else it may be that some [things] predicated by the major term are not the same which are predicated of the minor term. It [this figure] admits of four conclusive moods. First, from two affirmative universals an affirmative universal conclusion is derived, as "every C is B; and every B is A; therefore every C is A."

Secondly.—From two universals, the minor premiss being affirmative and the major negative, a universal negative conclusion results as every C is B, no B is A, therefore no C is A.

Thirdly.—From two affirmatives, the minor premiss being a particular, results a particular affirmative conclusion, as some C is B, every B is A; therefore some C is A.

Fourthly.—From an affirmative particular minor premiss and a negative universal major premiss results a negative particular conclusion, as some C is B, no B is A; therefore some C is not A.

The conclusions of this figure are self-evident.

80. In the second figure the two premisses must be different in quale (one must be affirmative and the other negative;) and the major premiss must be a universal: else (if either of these two conditions is not fulfilled) we get a non-identity which warrants no inference, i. e. from correct premisses, sometimes, you obtain a conclusion which you are able to affirm, and, at another, one which you are obliged to deny.

The conclusive moods are again four. Firstly,—From two universals, the minor premiss being affirmative, a negative universal conclusion is obtained, e. g., every C [man] is B [animal;] no A [stone] is B [animal;] therefore no C [man] is A [a stone.] This can be shown by reductio ad impossibile, i. e., the contradictory of

40. Ancient Logicians made the process consist in simply prefixing the negative particle to each term and transposing them, e. g. every man is an animal; all that is not-animal is not-man. Their view has been rejected, because, as it has been stated above, the negative privative proposition is more general than the affirmative attributive.

### FOURTH INQUIRY.

### On the Cohesion of Hypotheticals.

75. The affirmative universal conjunctive must be convertible into an incompatible proposition, consisting of the antecedent unaltered and of the contradictory of the consequent, and into an exclusive proposition consisting of the contradictory of the antecedent and of the unaltered consequent, and should it not be thus convertible the adhesion and conjunction are unsound.

The veritable disjunctive proposition must be convertible into four conjunctive propositions. The antecedent of two of them is one of the parts [of the original proposition] unaltered and the consequent is the contradictory of the other part. The antecedent of the other two is the contradictory of one of the two parts and the consequent is the other part unaltered. Every other hypothetical proposition than the veritable must be convertible into another, composed of the contradictories of the two parts.

### THIRD BOOK.

#### ON SYLLOGISM.

### FIRST CHAPTER.

### Definition and division of Syllogism.

- 76. Syllogism is a speech composed of propositions, [of such a nature, that] if they are admitted, there follows, from them, taken in themselves, another speech.
- 41. The reader will observe that the term syllogism comprises in Arabic only the two premisses and not the conclusion.

The words "taken in themselves" are used in the definition in order to exclude arguments in which a strange premiss is employed as a medium to arrive at a conclusion, as A=B, and B=C; therefore A=C. Instead of equal you may read "substrate" in the above example, e. g., Mekkah is in Arabia, Arabia is in Asia; therefore Mekkah is in Asia. The following example will show that this is not a syllogism: A is different from B, B is different from C—from which nothing can be inferred.

77. A Syllogism is [called] interpellative (hypothetical), if the conclusion itself or its contrary is actually mentioned in it, as "if this be a body, it is spacial." Here the very conclusion is mentioned in it. And if we say "but it is not spacial" it follows that it is not a body. In this instance the contradictory is mentioned in it. A Syllogism is called conjugate if it is not like the preceding, e. g. "every body is composed of parts, every thing composed of parts is temporal," it follows "every body is temporal." Neither the conclusion nor its opposite are actually mentioned in it.

- 65. There are seven [modal] forms of negative universal propositions, which cannot be converted, viz., the two temporals, the two existentials, the two possibles and the general absolute; because the most peculiar among them, the temporal, does not admit of conversion, and if the most peculiar cannot be converted the more general ones cannot be converted, for if the more general can be converted, surely the more peculiar can also be converted; for an adhærens of the more general thing, of necessity, also adheres to the more peculiar. We are correct in saying, the moon can by no means be eclipsed, when she, the sun, and earth form a right angle, but not always; and we are wrong in saying, by general possibility some lunar eclipses may happen to [another celestial body and] not to the moon. In this example we have chosen the most general mode; for every lunar eclipse operates of necessity on the moon.
- 66. The [negative] absolute necessary and absolute perpetual, become by conversion [negative] universal perpetual, for if it is of necessity, or always true, that no C is B, it is always true that no B is C, else some B would, by general absoluteness, be C, and this, together with the original proposition, would prove that some B is necessarily not B—in necessary propositions, and that some B is always not B—in perpetual propositions. This is absurd.
- 67. The general conditioned and the general conventional become by conversion universal general conventional, for if it is of necessity or perpetually true that no C is B, as long as C exists; no B can ever be C, as long as B exists, else let us suppose that some B is C, whilst it is B, and it follows, if this is taken in connexion with the original proposition, that some B is not B whilst it is B. This is absurd.

The peculiar conditioned and the peculiar conventional are converted into the peculiar non-perpetual conventional. The reason of this process in reference to the general conventional is, that it is an adherent of both kinds of general propositions, (i. e. the general conventional and the general conditioned.) The reason why the converted proposition is peculiar non-perpetual, is, because it is not true that some B is absolutely and generally C, because it is true that no B is always C, and therefore it is converted into "no C is always B," but the original proposition was that every C is B. We have therefore proved our thesis by reductio ad absurdum.

39. Paragraphs 68, 69 and 70, and again 72, 73 and 74, and again 84, 85 and 86, are omitted in the translation, because they contain details on modals which are of no interest. The last named four paragraphs are also omitted in most Arabic text books on Logic, and not studied in Mohammedan Schools.

### THIRD INQUIRY.

## On Conversion by Contradiction.

71. This expression means to place the contradictory of the second part of a proposition first, and the first part unaltered second. The quale of the new proposition will be the opposite of the original proposition, but it will be equally true, [e. g. every man is an animal, and no not-animal is a man.]

(more extensive) than the predicate. In the "all" it is requisite that there be a difference in the mode; for two possible (contingent) propositions are true and two necessary propositions false in matter of possibility (contingency).

- 60. The contradictory of the absolute necessary proposition is the general possible, for if the necessity is of necessity negatived, the two propositions will surely be contradictory. The contradictory of the absolute perpetual proposition is the general absolute; because the contradiction of the negative "at no time" is the affirmation "at some times," and vice versa. The contradictory of the general conditioned is the possible temporal, that is to say, the proposition which pronounces that necessity in reference to the attribute [see § 50] is not applicable to the converse, e. g. every body affected with pleurisy will cough at times on account of his illness. The contradictory of the general conventional is the absolute temporal, i. e. the proposition which pronounces that the predicate is affirmed or denied of the subject at some times when the subject is under certain circumstances. The preceding examples illustrate this case.
- 61. The contradictory of a compound proposition is the contradiction of its two parts. This will be evident to you after you have comprehended the verities of compound propositions and the contradictories of simple propositions, for after you have ascertained that the non-perpetual existential proposition is composed of two general absolute propositions, one of which is affirmative and the other negative, and that the contradictory of the absolute is the perpetual, you will understand, that its opposite is the opposite perpetual or the agreeing perpetual.
- 62. If [the compound proposition] is particular, what we have mentioned will not be sufficient to contradict it, for it would be false, were we to say "some bodies are animals but not always." And it would be equally wrong, were we to employ the contradictory of either of the two parts [e. g. no body is ever an animal]. The correct way of forming the contradictory is to place the contradictories of the two parts universally into a dilemmatic sentence, that is to say, every one must be the contradictory of one of the two parts, e. g. every single individuum of the genus 'body' is ever either an animal or not an animal.
- 63. The contradictory of the universal hypothetical is the particular which agrees with it in genus and species, but which is opposed to it in "quale" (quality) and "quantum" (quantity,) and vice versâ.

### SECOND INQUIRY.

## On even Conversion (Conversio Simplex).

64. Even conversion is an expression which means that the first part of a proposition be put second and the second part first, and that the truth and quale remain unaltered, (i. e. that the converted proposition remain true, if the original proposition is true, and that it remain affirmative, if the original one is affirmative, and negative if (negative,) (e. g. every man is an animal—some animals are men; or no man is a stone, no stone is a man.)

the sun rises it is day. 5. (The reverse of the preceding,) as it happens that whenever the sun rises it is day, the being day proves sun-rise. 6. (Consisting of a categorical and a disjunctive proposition,) if this is a number, it will always be either even or odd. 7. (The reverse,) whenever this is either even or odd it is a number. 8. (Consisting of a conjunctive and a disjunctive proposition,) if, always, whenever the sun rises, it is day, it will always be, that either the sun is rising or it is not day. 9. (The reverse,) if it always happens that either the sun is rising or it is not day, whenever the sun rises it is day.

### THIRD SECTION.

### RULES CONCERNING PROPOSITIONS.

### FIRST INQUIRY.

### On Contradiction.

- 58. Contradiction is defined as a difference between two propositions in affirming and denying of such a description, that it follows from the difference itself [without medium,] that the one be true and the other false, [e. g. Zayd is a man, Zayd is not a man. But, Zayd is a man, Zayd is irrational, are not included in this definition, because they are contradictory by a medium.]
- 38. The term used by the Arabs for proposition means decision; and the word which is translated here by contradictory means "rescindens." The commentator says, that which annuls a thing is called its rescindent. In § 27 this term has precisely the same meaning as "contradictory" but this is not always the case. The commentator says the contradictory of the proposition, every man is necessarily an animal, is—it is not the case. The same holds good in all other propositions. In many cases however the contradictory of a proposition has a definite attributive sense, but this is not always the case. It may however happen that the contradictory has a co-extensive adhærens which has an intelligible attributive meaning, and if this is the case the term contradictory is applied to it (the adhærens). The contradictories of propositions become thereby new propositions with a definite meaning. "Contradictory" then is used in this chapter either for the contradictory itself or for an adhærens, which is co-extensive with the contradictory itself.
- 59. The contradiction of two peculiar (singular) propositions is not ascertained (established), unless the subject and predicate are identical, [example of the contrary: Zayd stands, Amr does not stand.] The identity of the former (subject) comprizes the unity of the condition, [example of the contrary: a body is visible, if it be white, a body is not visible, if it be black;] and the unity of "part" and "all" (quantity of the proposition,) [example of the contrary: Africans are black, that is to say some of them; the Africans are not black, that is to say not all of them.] The identity of the predicate comprizes unity of time and place, [example of the contrary: Zayd sleeps at night or in bed, Zayd wakes at day time or in the bazar,] unity of relation, [example of the contrary: Zayd is father, i. e. of 'Amr; Zayd is not father, i. e. of Bakr,] unity of possibility and reality, [example of the contrary: wine inebriates in a basin, i. e. it may inebriate; wine does not inebriate in a basin, it does not do so actually.]

If the two propositions be fenced, it is requisite, in addition to the above, that there be a difference in quantity, for two particulars are true, [e. g. some animals are men, some animals are not men,] and two universals are false [e. g. every animal is a man, no animal is a man,] in every matter in which the subject is more general

The affirmative conjunctive is false (nugatory) of two false parts (propositions) and of a false antecedent and true consequent and vice versa, and if it be cogent also of two true [propositions], but if it is coincidental, it is impossible that it be false of two true [propositions].

The veritable affirmative disjunctive proposition is true of one true and one false [proposition], e. g. this number is either even or odd; and it is false (nugatory) of two true and of two false [propositions, e. g. four is either even or divisible by two; three is either pair or divisible by two]. The incompatible is true (holds) of two false [propositions, e. g. Zayd may be a tree or a stone]; and of a true one and a false one, [e. g. Zayd may be a stone or a man]; and it is false (nugatory) of two true ones [e. g. Zayd may be a man or rational]. The exclusive is true of two true [propositions] and of a true one and a false one and it is false (nugatory) of two false ones. The negative is true of what the affirmative is false and it is false of what the affirmative is true.

- 56. The universality of a hypothetical proposition consists in this, that (or a hypothetical proposition is called universal if) the consequent be adherent or antagonistic to the antecedent [at all times] and under all circumstances under which the antecedent can be, that is to say, such circumstances under which the antecedent may be placed by reason of its connexion with things which are compatible with it. The hypothetical proposition is particular if this is the case under some of those circumstances, and it is peculiarized if it is the case under a definite circumstance. The walls (terms indicative) of the affirmative universal are "whenever," "whatever," "when," [e. g. whenever the sun rises it is day], and of the disjunctive "always" [or "at any time," e. g. at any time either the sun is up or it is not day]. the negative universal is in both cases, (i. e. in the conjunctive and disjunctive) "certainly not" [e.g. when the sun is up it is certainly not night]. The wall of the affirmative particular is in both cases "it will then be," [e. g. it will then be day when the sun rises] and of the negative particular in both cases "it will then not An affirmative universal can be rendered negative by the introduction of the negative particle into the wall. The walls of the ambiguous conjunctive are simply "if" "when" and of the ambiguous disjunctive "either—or."
- 57. The hypothetical [proposition] may be composed [1] of two categorical propositions or [2] of two conjunctive ones or [3] of two disjunctive ones or [4] of a categorical and of a conjunctive one or [5] of a categorical and disjunctive one or [6] of a conjunctive and a disjunctive one. Each of the last three kinds if it be conjunctive is sub-divided into two sorts on account of the natural distinction between their antecedent and consequent. But the disjunctives are not thus sub-divided because their antecedent is distinguished from the consequent by appointment only. There are therefore nine divisions (or kinds) of conjunctive hypotheticals and six of disjunctive hypotheticals. You will be able to form examples yourself.

<sup>37.</sup> Examples of the nine conjunctives. 1. Whenever this is a man it is an animal. 2. Whenever it happens that a thing is a man it is an animal, and whenever a thing is not an animal it is not a man. 3. Always whenever it is met with this number will be even or odd, and always it will be either divisible into equal parts or not divisible. 4. (Consisting of a categorical and of a conjunctive proposition,) if sunrise is the cause of day, whenever

It (the hypothetical proposition) is either conjunctive or disjunctive. [See § 39.] The conjunctive (conditional) is either cogent (literally adhesive) [or contingent.] In the cogent the consequent is true under the supposition that the antecedent be true on account of the connexion between them, which is the cause thereof, as for instance, if the two propositions be connected by causation [e. g. if the sun rises day approaches, if day approaches the sun rises; if day approaches the world becomes illuminated—the cause of both phenomena being the rising of the sun;] or correlation [e. g. if Zayd is the father of Bakr, Bakr is his son]. In the contingent [the consequent is true if the antecedent is true] by merely accidental agreement of the two parts (or of the two propositions of which the hypothetical consists) in being true, e. g. if man is endowed with reason, the donkey is endowed with the faculty of braying.

53. The disjunctive [hypothetical proposition] is divided into the veritable disjunctive proposition [the incompatible and the exclusive]. The veritable disjunctive proposition pronounces that its two parts exclude each other (literally deny or refute each other) both in [case of] truth and [in case of] falsity, [i. e. if the one is true the other must be false and also if the one is false the other must be true,] as "this number is either even or odd." The incompatible disjunctive (literally the hypothetical which excludes co-existence) pronounces that the two parts are opposed to each other in truth only, e. g. this thing is either a stone or a tree, [if it is a stone it cannot be a tree, but it may be neither of the two, and therefore if it is not a stone it does not follow that it is a tree]. The exclusive hypothetical (literally the hypothetical which leaves no vacuum) pronounces that the two parts are opposed to each other in falsity only, as "either Zayd is at sea or else he will not be drowned."

Each of these three kinds [of disjunctives] is either antagonistical [or coincidental]. A disjunctive is called antagonistical if the two parts exclude each other in their nature, as in the above examples; and it is called coincidental, if this exclusion is a mere coincidence as if we say "non-writer" of a black man. But if we say the man is either black or a writer it is a veritable disjunctive proposition; if, he is a not-black or a writer, it is an incompatible proposition; and if, he is either black or a not-writer, it is an exclusive proposition.

- 54. Any of these eight [hypothetical] propositions is called negative if that [connexion or exclusion] which is pronounced [to exist] in the affirmative, is denied. If it negatives the cohesion, it is called negative-cogent, if it negatives antagonism it is called negative-antagonistic, and if it denies coincidence it is called negative-coincidental.
- 36. Example "it is certainly not the case that when the sun rises it be night," is negative-cogent, for it denies the existence of a connexion (or cohesion) between sun rise and night, but "if the sun rises it is not night, is affirmative cogent, for it affirms the connexion between sun rise and the negation of the existence of night.
- 55. The affirmative conjunctive proposition is true (i. e. the inference is correct) of two true and of two false [propositions, e. g. if Zayd is a man he is an animal; if Zayd is a stone he is a mineral]; and of one whose truth and falsity is not known [e. g. if Zayd be writing he is moving his fingers], and of a false antecedent and true consequent, [e. g. if Zayd be a donkey he is an animal,] but not the reverse, because from a true [proposition] does not follow a false one.

- 3. The not-necessary existencial. It is the same as the general absolute with the restriction that [the relation do] not [take place] of necessity in reference to the essence. If it is affirmative, as "man is actually risible (or it happens that man is risible) but not of necessity (he would be man without that property;)" it is composed of the affirmative general absolute and the negative general possible. And if it is negative, as "man is not actually risible but not necessarily" it is composed of the negative general absolute and the affirmative general possible.
- 4. The non-perpetual existencial. It is the same as the general absolute with the restriction of non-perpetuity in reference to the essence [of the subject]. Whether it be affirmative or negative it is composed of two general absolute [propositions] one of which is affirmative and the other negative. The preceding affirmative and negative examples explain this case.
- 5. The temporal. It pronounces that the predicate is affirmed or denied of the subject of necessity during a definite period of the existence of the subject, under the restriction of non-perpetuity in regard to the essence [of the subject]. If it is affirmative, as "an eclipse of the moon takes of necessity place during the time the earth is placed between the sun and the moon but not perpetually," it is composed of the affirmative absolute temporal and the negative general absolute. And if it is negative, as "of necessity no eclipse of the moon takes place when the earth, moon and sun are at right angles but not perpetually," it is composed of the negative absolute temporal and the affirmative general absolute.
- 6. The spread [proposition]. It pronounces that the predicate is affirmed or denied of the subject of necessity and during an indefinite period of the existence of the subject, under the restriction of non-perpetuity in reference to the essence [of the subject]. If it is affirmative, as "every man is of necessity breathing at times but not perpetually," it is composed of the affirmative absolute spread [proposition] and the negative general absolute. And if it is negative, as "man is of necessity not breathing at times but not perpetually," it is composed of the negative absolute spread [proposition] and the affirmative general absolute.
- 7. The particular possible [or contingent proposition]. It pronounces that there is no absolute necessity either for the existence or non-existence of the thing (or relation). It makes no difference whether it is affirmative, as "by peculiar possibility every man is a writer (i. e. every man can or may be a writer,)" or negative, as "by peculiar possibility every man is not a writer." It is composed of two general possible propositions, one of which is affirmative and the other negative.

The general rule is that, if a proposition is restricted by non-perpetuity, it indicates that it is a general absolute proposition, and if it is restricted by non-necessity, that it is a general possible proposition disagreeing in mode but agreeing in quantity.

### SECOND SECTION.

On the different kinds of hypothetical Propositions.

52. The first part (or the first proposition) of a hypothetical is called antecedent and the second consequent.

- 49. There are thirteen modal propositions into which it is usual to inquire. Some of them are simple, that is to say, their verity is simply an affirmation or negation; and some are compound, that is to say, their verity is composed at the same time of an affirmation and a negation.
  - 50. There are six simple modal propositions.
- 1. The absolute necessary [proposition]. It pronounces that the predicate is affirmed or denied of the subject of necessity as long as the essence of the subject exists, as if we say, "every man is of necessity an animal" and "of necessity no man is a stone."
- 2. The absolute perpetual [proposition]. It pronounces that the predicate is affirmed or denied of the subject in perpetuity as long as the essence of the subject exists. The preceding affirmative and negative examples apply to this case.
- 3. The general conditioned [proposition]. It pronounces that the predicate is affirmed or denied of necessity under the condition of [the continuance of] a certain attribute of the subject, as if we say "every writer is of necessity moving the fingers as long as he writes." "A writer does not keep his fingers at rest as long as he writes."
- 4. The general conventional [proposition]. It pronounces that the predicate is affirmed or denied of the subject in perpetuity under the condition of [the continuance of] a certain attribute of the subject. The preceding affirmative and negative examples illustrate this case.
- 5. The general absolute [proposition]. It pronounces that the predicate is actually affirmed or denied of the subject, as if we say "every man without exception (literally with general absoluteness) is breathing." "Every man without exception (literally with general absoluteness) is not breathing."
- 6. The general possible [proposition]. It pronounces that there is no absolute necessity that what is contrary to the judgment should not be the case, as "by a general possibility fire may be hot." "By a general possibility what is warm is not cold."
  - 51. The compound modal propositions are seven in number.
- 1. The special conditioned. It is the same as the general conditioned with the restriction that the relation of the subject to the predicate is not [enounced to be] perpetual in regard to the essence [of the subject]. If it is affirmative, as "every writer of necessity moves his fingers as long as he writes, but not perpetually," it is composed of the affirmative general conditioned and of the negative general absolute propositions. And if it is negative, as "the fingers of a writer are necessarily not at rest as long as he writes, but not perpetually," it is composed of the negative general conditioned and of the general affirmative absolute.
- 2. The special conventional [proposition] is the same as the general conventional with the restriction that [the relation do] not [take place] perpetually in reference to the essence. If it is affirmative it is composed of the affirmative general conventional and of the negative general absolute, and if it is negative it is composed of the negative general conventional and of the affirmative general absolute. The preceding affirmative and negative examples illustrate this case.

tain figures the definitions of which exclude each other. The same applies to really existing things, e. g. if we say man is not a monkey. The terms man and monkey are applied to certain beings to which certain definitions answer, and as the definition of man (rational) excludes that of a monkey (irrational,) it is impossible that a being be discovered which is a man and at the same time a monkey. The notion of monkey has in fact as arbitrary limits as the notion of a triangle or of a mathematical point.

### THIRD SECTION.

## On Privatives and Attributives.

- 45. If a negative particle is part of the subject, e. g. an inanimate being is a mineral; or of the predicate e. g. minerals are without intellect (unintellectual); or of both; the proposition is called privative whether it be affirmative or negative. But if no particle forms part of either extremity then the proposition, if it be affirmative, is called attributive and if it be negative indivisible.
- 46. A proposition is affirmative or negative by reason of its affirmative or negative relation (copula) and not by reason of its extremities. If we say "every thing that is not living is without intellect," it is an affirmative proposition though both extremities are nonentities, and if we say "a moving being is not at rest" it is a negative proposition though both extremities have [positive] existence.
- The indivisible negative proposition [e.g. the partner of God is not omnipotent] is more general (contains more) than the affirmative with privative predicate, [e.g. the partner of God is impotent], for the negation may be true though the subject is an nonentity (i. e. though there is no such thing as a partner of God, we can still say if there were one he could not be omnipotent), but the affirmation cannot be true (i.e. if we say the partner of God is impotent, we admit that there is a partner): because affirmation is admissible only in regard to a thing of ascertained (or acknowledged) existence, as for instance in propositions whose subject is an actually existing individuum or in regard to a thing of assumed existence as for instance in propositions whose subject is a verity. If the subject does exist the indivisible negative and affirmative privative propositions are equivalent. The difference in the expression [between the indivisible negative and the affirmative with a privative predicate] is this: in the ternary, if it is affirmative, the copula stands before the negative particle, and, if it is negative, it stands after the particle, [as there are no binary propositions in English; the following sentence, of the text which refers to a peculiarity of the Arabic language is omitted].

### FOURTH INQUIRY.

### On Modal Propositions.

48. The relation of the predicates to the subjects, be they affirmative or negative, must have a certain qualification as "necessarily," "perpetually." "not-necessarily" "not-perpetually." Such a qualification is called the *materia* of the proposition, and the word expressing it, is called the mode of the proposition.

it, is B in actual existence, [such a proposition الفارية]. The difference between these two views is evident, for if no square exists in reality, still we are correct in saying every square is a figure in regard to the first view, but not in regard to the second. And if no figure did exist but squares, we would be correct in saying every figure is a square by the second view. From this you can deduce rules regarding the other fenced propositions.

- 33. The subject of a proposition is expressed in Arabic by the letter jym, which in this case is pronounced ja and written without a dot, but for the sake of distinction from 7 part of its tail is cut off. It answers to the Greek γ, and the Latin C. The predicate is expressed by B. If hamzah is used as a symbol it is pronounced da, and in certain cases a dál is written in instead of the hamzah, as Δ "therefore D."
- 34. The commentator says: If we say C is B there are two things to be observed; we may mean the notion and verity of C, or the significates of C. If we meant to say that the notion of C is equal to the notion of B, all that we should learn from the proposition would be that the two terms are synonymous. It is therefore clear that the expression C is B means that all the individua of which C is true are B, that is to say that the notion of B applies to them. That of which C is true, i. c. the significates of C is called the essence of the subject إن الموضوع, and the notion and verity of C is called the attribute or title of the subject It is called title, because as we learn from the title of a book what its contents are, so from the notion of a term. The title of a term is either the very essence of it (the essence of its significates,) as "homo" is the essence of Zayd, 'Amr, Bakr, &c., or it is a part of the essence as "animal" is in reference to the Zayd, Bakr and other individua; the animal nature being only a part of the quiddity of Zayd, &c. Or it is external to it, as if we say every thing that walks is an animal. The imports of propositions are therefore reducible to two knots and 1. The knot of (arbitrary) appointment ;-in this its own attribute is predicated of the subject (Kant calls this the analytical judgment.) 2. The knot of predication ;—in this the attribute of the predicate is predicated of the essence (significates) of the subject, (this is the synthetical judgment of Kant.) The former is a "limitative sentence" تركيب تقييدي (Kant calls it an explanatory judgment,) and the latter is an "informing sentence" درگیب خبری (i. e., it tells you some thing new, it gives you information regarding the subject. Kant calls it Erweiterungsurtheil, i. e., enlarging judgment, for it enlarges our knowledge of the subject.) Three things are here to be observed.
- 1. The essence (significates) of the subject. Under this term are not to be understood the singulars of C absolutely [but relatively]. If C is a species, or if it is such a difference or property as is co-extensive with the species, the individual singulars are to be understood under "every C," and if it is a genus or a co-extensive general accident, the individual singulars and the specific singulars "are to be understood: e. g. what we predicate of "omnis homo" or "omnis rationalis" or "omnis ridens," we predicate solely of Zayd, 'Amr. &c., but what we predicate of "omne animal," "omne ambulans" we predicate both of the individual singulars, Zayd, 'Amr, Bucephalus, &c., and also of the natura specification of the species and of the singulars under it عمل بعض الما يعنى الما
- 2. The predicability of the attribute about the subject. The opinions on this point are divided. Faryaby says that possibility constitutes predicability without regard to actual existence. Avicenna on the other hand thinks that actual existence, present, past or future, constitutes predicability, e. g. according Faryaby, if we predicate B of every black man, it means every man who may happen to be black even Europeans, for it is not impossible that they be black; but according to Avicenna the judgment would not apply to Europeans, because there is no instance on record that they were black, nor is there any reason to suppose that they will ever be so. The opinion of Avicenna is the one which is generally received.
- 3. Predicability of the predicate about the essence (significates) of the subject. It may be necessary, contingent, perpetual, actual, &c., as will be explained in the paragraph on modals.

Now if we say every imaginable C if it should exist will be found to be B, the judgment does not refer to the existing individua of C only but also to its hypothetical significance, and it is true though no individuum should exist. This will be intelligible if we say no triangle is a square, because these two terms indicate by appointment cer-

is called predicate; the relation between the two, showing the bearing of the predicate to the subject—which is called judicial relation; and the word which expresses it is called copula, as "is" in the sentence "Zayd is informed." Such a proposition is called ternary. In some cases, which are very easily intelligible, the copula is omitted, and the proposition is called binary.

- 41. If the relation is of such a description that you can say that the subject is in agreement [with the predicate], the proposition is called affirmative, as man is an animal; and if it is of such a description that you can say that it is not in agree-
- ment it is negative, as a man is not a horse.
- 42. If the subject of a categorical proposition is a definite individuum, it (the proposition) is called peculiarized or individual (singular). If the subject is a universal, and if the quantity of the singulars (or individua) of which the judgment is true is shown in it, the word expressing the quantity is called wall and the proposition is called fenced or walled-in. It is of four kinds: if it is shown in it that the judgment [applies] to all the singulars, it is [called] an universal [categorical proposition]. This again is either affirmative [or negative: in the affirmative] the wall is "every one," e. g. every fire is hot. In the negative the wall is "no," "none," "not one," e. g. no man is a mineral. If it is shown in it that the judgment [applies] to some things, it is particular, and [again it is] either affirmative, and [in this case] the wall is "some" "one," e. g. some animals are men, or one animal is a man; or it is negative and the wall is "not all," "some (are) not," e. g. not all animals are men, or some animals are not men.
- 43. If the quantity of the singulars is not shown in it and if we can neither say that it is a universal nor that it is a particular proposition it is called a physical proposition, e. g. "animal" is the genus and "homo" is the species. But if we can say it is universal or particular [but it is not stated] it is called ambiguous, e. g. man is at a loss, or man is not at a loss. Such a proposition is virtually a particular proposition, for if it predicates that man is at a loss, it predicates that some men are at a loss and vice versa.
- 32. The reason why such a proposition as is mentioned in the text is called a "physical" proposition is clear from the following words of Qotby "in the physical proposition judgment is passed on the nature of the subject itself and not its significates."

### SECOND INQUIRY.

## On the four fenced Propositions.

44. The expression every C is B, is sometimes employed in reference to the verity, and its meaning is that every possible (imaginable) singular which may exist and is C, is B by reason of its existence; i. e. whatever is the substrate of C is also the substrate of B. [Such a proposition is called verity-proposition [Sometimes the expression is used in reference to actual existence, and it means that every C in actual existence, be it at the time of the judgment or before or after

### SECOND BOOK.

## ON PROPOSITIONS AND RULES REGARDING THEM.

This book is divided into an introduction and three chapters,

## INTRODUCTION.

Definition of proposition and its primary division.

- 38. Proposition (literally a decision) is a speech, which allows that he who utters it be told that he is true or false (right or wrong). It is called categorical, if its two extremities (terms) are resolvable into two simple [ideas], as Zayd is informed, or Zayd is not informed, [or from "the Sun is rising" follows "the day is approaching,"] and it is hypothetical, if they are not thus resolvable, [e. g. if the Sun rises day will approach].
- 30. The commentator shows that a hypothetical proposition is resolvable into not less than two categorical judgments: such a truth necessitates such another and such a truth is opposed to such another.
- 39. The hypothetical [proposition] is either conjunctive (conditional), or disjunctive. It is called conjunctive, if we pronounce in it a proposition (i. e. one of the two propositions of which it consists) to be true or untrue, under the assumption that another (the other) proposition be true. [Example of an affirmative conjunctive] "if this is a man, it is an animal." [Example of a negative conjunctive], "if this is a man, it cannot be a mineral."

A hypothetical proposition is called disjunctive if we pronounce in it that two propositions exclude (literally deny or refute) each other, either both in [case of] truth and [in case of] falsity or in one of the two only, or that their mutual exclusion is denied, e. g. "this number is either even or odd." "That this man is either a writer or a negro, is not admissible."

31. In the conjunctive the judgment is occupied with deciding whether or not the two propositions of which it consists are connected, and in the disjunctive whether or not they are separated or exclusive of each other.

#### FIRST SECTION.

#### ON THE CATEGORICAL (PROPOSITION).

FIRST INQUIRY.

#### Its parts and kinds.

40. The categorical proposition consists of three parts: the part on which judgment is passed,—which is called subject; the one by which judgment is passed,—which

which establishes the summum genus establishes also the low genus, but not vice versa; again every difference which divides a lower genus divides also the summum genus but not vice versa.

28. "Divide" has not quite the same meaning which it has in English Logic, the Arabs use "division" for "difference," see § 19.

### FOURTH SECTION.

## On Definitions (i. e. the ways of defining).

- of which involves the apprehension of the thing defined, or its distinction from every thing else. The definiens must not be the essence itself [i. e. homo is not a definition for man], for the definiens is known prior to the definitum, and a thing is not known prior to itself. It further must not be more general (more extensive) than the definitum else it does not answer the purpose of definition (or limiting), nor must it be more peculiar (more limited), else it conceals (or excludes some of the individua). The definiens must be co-extensive in generality and peculiarity.
- 36. The definiens is called a limes perfectus (perfect boundary) if it consists of the near genus and near difference, [as rational animal for man]; and limes imperfectus (imperfect boundary) if it consists of the near difference only, [as rationalis for homo], or of the near difference and the distant genus, [as a rational body for man]. And it is called complete description (literally sketch,) if it consists of the near genus and a property, [as the risible animal for man], and imperfect description, if it consists of the property alone, or of the property and the distant genus, [as risible body for man.]
- 37. Care must be taken not to define a thing by what is equally known or unknown, as if we were to define "motion" by "absence of rest," or "couple" by "what is not single." Nor must a thing be defined by another thing, which is known only through the former. It is equally objectionable whether it be immediately known through it, e. g., if we were to say "report" means an "account" and "account" means "report;" or mediately, e. g., if we were to say the number two is the first pair; pair is what can be divided into two equal parts, two parts are called equal if neither exceed the other and the parts are two.

Care must also be taken not to use barbarous unusual words, whose indication (meaning) is not intelligible to the hearer, for in this case the purpose is lost sight of.

29. The example of "the number two" is not very clear in the original, and it has become still more obscure by the want of a dual in the English language.

"homo" the primary answer to the question "what is a Turk" being "homo." Variety is a species limited by universal accidental attributes, as Turk, Greek,

- 30. Species has four degrees, for either it is the most general of all species, and in this case it is called the high species (summa species), as "body;" or it is the most peculiar, and in this case it is called the low species, as "man," this is also called the species specierum; or it is more general than the low species and more peculiar than the high, this is called the intermediate species, as "animal" and "living body;" or it is detached from all other species, this is called the singular (or solitary) species, as logos, if we say that substance is the genus of logos.
- 25. Qotby says that there is no example of the singular species in existence; but that it is illustrated by logos, for under logos are the ten logoi which agree in the verity of logos, yet logos is not more general than any other species, there being no species but only individua under it nor is it more peculiar there being no species above it but only the genus, viz. substance.
- 31. Genus has the same four degrees, but the high genus (summum genus), e. g. "substance," and not the low genus, e. g. "animal," is called the genus generum in the gradation of the genera. Examples of the intermediate genus, are "living being" and "body," and an example of the singular genus is "logos," supposing that "substance" is not the genus of "logos."
- 32. The relative species is to be found without the veritable species, as in the intermediate species. Again the veritable species is to be found without the relative one, e. g. in indivisible verities. These two kinds of species do not stand to each other in the relation of absolute generality and peculiarity, but either of the two is in some respects more general than the other, because they are both true of the low species.
- 26. The author refutes here the opinion of Avicenna who mentions in his Shifá, that the relative species is absolutely more general than the veritable species.
- 27. Indivisible verities are, logos, soul, unity and rationality, they are not resolvable into a genus and a difference, and therefore they cannot form a relative species.
- 33. If [only] a part of what ought to be said in answer to the question "what is it" is said, and if that be [a] coincident [term,] it is called jacens in via [questionis], quid est, e.g. if we ask regarding man, "what is it," and receive the answer "animal" or "rational," in reference to (or instead of) "rational animal." If [only] a part is said in answer to the same question, and if, what is said, be a term for it by implication, it is called inclusum in responsione (i. e. pars responsionis) [ad questionem] quid est, as "living being," "sensitive," "endowed with voluntary motion," animal being indicated by these terms by implication.
- 34. The summum genus may have a difference which establishes it (or is an essential part of it), for it may be composed of two or more co-extensive things; but it must necessarily have a difference which divides it (separates its significates). The low species must necessarily have a difference which establishes it, but it can have no difference which divides it. The intermediate [genera] must have differentiæ which establish them and differentiæ which divide them. Every difference

hence it would follow that the more peculiar is true [of certain things] and that the more general is not true [of the same things]—this is impossible. second [assertion viz., that the contradictory of a more general term contains less than the contradictory of a more peculiar term], were it unfounded the contradictory of the more general [term] would be true of every thing of which the contradictory of the more peculiar [term] is true, and hence it would follow that the more peculiar [term] is true of every thing of which the more general is true—this is impossible. There is no generality whatever between the contradictories of terms one of which is more general in 'some respect,' because it is certain that such a generality exists between the absolutely more general [term] itself [e. g. animal] and the contradictory of the more peculiar [term, as for instance non-man;] whilst there is universal heterogeneousness between the contradictory of the absolutely more general and the more peculiar [term] itself. The contradictories of two heterogeneous [terms] are heterogeneous, and their heterogeneousness is [called] particular heterogeneousness, for if [two terms] are in no case true simultaneously [of the same thing], as non-existence and non-nihilum (non-existence and existence), it is [called] universal heterogeneousness; and if they are true simultaneously, as nonman and non-horse, it is called particular heterogeneousness, because one of the two heterogeneous terms is necessarily true [of certain objects] of which the contradictory of the other heterogeneous term is true. Particular heterogeneousness is, therefore, surely an adherent [of the contradictories of two heterogeneous terms.]

## FOURTH INQUIRY.

28. [The term] "particular" is not only used in the abovementioned sense [see § 15]—in which it is called "veritable particular"—but also to denote any more peculiar [term] which is under a more general one, and in this case it is called "relative particular." The latter term is more general than the former, for every veritable particular is a relative particular, but not vice versâ. The former is the case (i. e. every veritable particular is a relative particular), because every individuum comes under its quiddity, which denudes [the individua under it] of their individuality, (i. e. which abstracts from the individuality of the individua); and the second is the case (i. e. the reverse is not true), because the relative particular may be a universal, but the veritable particular cannot be a universal.

## FIFTH INQUIRY.

- 29. The species which is of the description mentioned above [§ 16] is called the veritable species; but the term is also used of any quiddity, if to the question "what is it" regarding the said quiddity [e. g. what is "man?"] and some other quiddity, [e. g. what is "horse"], the genus [e. g. "animal"] is primarily said in answer. This is called the relative species.
- 24. The commentator says that "primarily" is used with a view of excluding the variety bring Turk and horse under a common term you cannot do so primarily, you must do it through the medium of

### THIRD SECTION.

## Five Inquiries on Universals and Particulars.

### FIRST INQUIRY.

24. [There are] universals, whose existence is impossible in reality, but not the conception thereof of itself, as "an equal to God." [There are universals] whose existence may be possible but they do not really exist, as "a griffon." [Under some universals] there is only one [individual], and it is impossible that there should be another, as God; or it is possible that there be others, as the sun; or there are many but they are limited in number, as the seven planets; or they are unlimited in number, as the rational souls.

### SECOND INQUIRY.

25. If we say of "animal" for instance, that it is a universal, three things are to be observed. Animal is to be considered in itself, and as a universal, and as the compound of these two things. The first is called a physical universal, the second a logical universal, and the third a mental (metaphysical) universal. The physical universal is existing in reality, for it (animality) is a part of every animal which exists, and a part of what exists has [of course] existence. In regard to the other two universals, opinions are divided as to their existence in reality. The inquiry on this subject does not belong to logic.

### THIRD INQUIRY.

- 26. Universals are co-extensive, if one is true of just as much (i. e. of as many individuals) as the other, as "homo" and "rational." There is absolute generality and peculiarity between them (i. e. one is more extensive than the other and contains it wholly), if one of the two, is true of all of which the other is true, but not vice versa; as "animal" and "man." There is generality and peculiarity between them in some respect if either is true only of a part of that of which the other is true; as man and white. And they are heterogeneous if neither of the two is true of any thing of which the other is true; as man and horse.
- 27. The contradictories of two co-extensive [terms] are co-extensive; for else one of them (contradictories) would be true of that about which the other is false, and it would follow that one of the two co-extensive [terms] is true of that about which the other is false—this is impossible. [E. g. every nonman is an irrational being and every irrational being is a non-man.] The contradictory of an absolutely more general [term] is more peculiar than the contradictory of an absolutely more peculiar [term,] for the contradictory of the more peculiar [term] is true of every thing of what the contradictory of the more general term is true, but not vice versa, [non-man contains more than non-animal]. Were the first [of these two assertions] not founded, the peculiar [term] itself [i. e. not its contradictory; man e. g.,] would be true of some things of which the contradictory of the more general [term e. g. non-animal] is true, and

- 20. Difference is described as a universal predicated of a thing to the question "what thing is it in its substance?" It follows that if a verity is composed of two—or several—co-extensive things, each of these two things is its difference, for it distinguishes it from those things which are associated with it in "existence."
- might be said in answer. The difference is therefore also called المميز الجوهري "distinguens substantialis" (distinguens substantialis" whereas the property is called المميز العرضي "distinguens accidentalis."—Ancient Logicians, among them Avicenna in his Shifa, defined difference as an universal said of a thing in reply to the question "what thing of its genus is this in its substance."
- 21. The difference which distinguishes a species from what is associated with it in the genus, is called near (specific), provided it distinguishes it in the near genus e. g. "rational" is the difference of "man" [in the subaltern genus "animal," distinguishing it from other animals]. And it is called remote (generic) if it distinguishes a species from what is associated with it in the remote genus, e. g. "sensitive" is the difference of "man" [in the remote genus "living being"].
- 22. The third [universal is external to the quiddity but joined to it]. If it is inseparable from the essence it is called adherent (property), else it is called separable accident. The adherent adheres to the existence [of a thing], as blackness to the negro, or it adheres to the quiddity, like being even to four. The adherent is [called] evident, if the apprehension of the adherent together with the apprehension of the thing to which it adheres, is sufficient to convince the intellect of the cohesion between the two, as the divisibility of four into two equal parts; and it is [called] not-evident, if a medium is required to convince the intellect of their cohesion, as the equality of the three angles of a triangle to two right angles. Some say that an adherent is evident, if the apprehension thereof adheres to the apprehension of the thing of which it is the adherent. The first [definition] is more general. The separable accident may either pass quickly, as the blushing of shame and flushing of anger, or slowly, like greyness of hair, [under the use of certain medicines which are supposed to have this effect], or youth.
- 23. Both the adherent and separable [accident], if they are peculiar to singulars of the same verity, are called peculiar, as risible, else they are called general accident, as locomotion. The "peculiar" is described as a universal said, as a accident, only of things of the same verity. Common accident is described as a universal, said as an accident, of singulars of the same verity and of other things also in the way of accidentality. The universals therefore are five: species, genus, difference, peculiar (accident) and common accident.
- 23. The commentator justly observes that according to the author's division of the accident the universals are seven and not five. We have the inseparable peculiar accident, the inseparable general accident which answer to "property"; and the separable peculiar and separable general which answer to the "accident" of our Logicians. Sayyid Jorjány says in the Kobrà on this subject "that universal which is external to the verity of its individua is called "Peculiar," if it is restricted to one verity. It distinguishes the verity from others by accidentality. Consequently "a Peculiar" is an universal which is said in answer to the question what thing is it in its accident? as risible in reference to man. If [the universal] be common to two or more verities it is called general accident as "walking" which is common to animals."

بدون الدخص فيلزم وجود الكل بدون الجوز و المه صحال ولا اعم لان يعض تمام المشترك بين الناهية و نوع آخر لو كان اعم من تمام المشترك لكان موجودًا في نوع آخر بدون تمام المشترك تحقيقاً لمعنى العموم فيكون مشتركًا بين الماهية و ذلك النوع الذي هو بازاء تمام المشترك لوجودة فيهما فأما أن يكون تمام المشترك بينها وهو محال لان المقدر أن الجزء ليس تمام المشترك بين الماهية وبين نوع ما من الانواع و أما أن لا يكون تمام المشترك بل بعضا منه فيكون للماهية تماماً المشترك احدهما تمام المشترك بين الماهية وبين النوع الله يهو بازائها و الثاني تمام المشترك بينها وبين النوع الثاني الدي هو بازاء تمام المشترك بين الماهية وبين النوع الثاني آعم منه لكان موجودًا في نوع الحرب بين الماهية و بين النوع الثاني آعم منه لكان موجودًا في نوع آخر بدون تمام المشترك المشترك بينهما بل بعضه فيحصل تمام مشترك ثالث وهم جرا فاما أن يوجد الثاني و ليس تمام المشترك بينهما بل بعضه فيحصل تمام مشترك ثالث و هار صحال و الانتركب الناهية المناهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المناهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المناهية المن بعض تمام مشترك مساولة والأول محال و الانتركب الماهية المناهية المناهية المناه المشترك مساولة المناه والأول محال و الانتركب الماهية المناه المناه المناه المناهية المناه الم

"This portion must either be heterogeneous from the totality of that part of the quiddity which it has in common with another species or it must be more peculiar (less extensive) or more general (more extensive) or co-extensive. It cannot be heterogeneous, for we are speaking of the predicable parts [of the totality] and it is impossible that what is predicable of a thing should be heterogeneous from it. Nor can it contain less, for the more general (or more extensive) is found where the less extensive is not found [e.g. "animal" is found in "horse" but "man" is not found in it. ] It would therefore follow [from this assertion] that the whole [e. g. "animal"=a living, sensitive, corporeal substance with voluntary motion can exist without some of its parts parts [e. g., "living" or This is impossible. Nor can it be more general (or more extensive) [as "living being" in reference to "animal,"] for if a portion [e.g. voluntary motion] of the totality [e.g. "animal"] of what a quiddity [e, g. "man"] has in common with another species [e. g. "horse"] is more general than the totality ["animal"] it must also be found in another species [e.g. "tree"] in which the totality is not found, for this is the meaning of "more general." But as it is found in these two it is common to them, i. e. to the quiddity and that species which is independent of the totality (the genus of the quiddity.) It is impossible that what they (the quiddity and this other species-tree) have in common, should be the totality, for the condition is that it should be a portion and not the totality. But if it is not the totality but only a portion of it, the quiddity must have two totalities (genera) in common [with two several species] :- The totality which it has in common with the species which is independent of it (or co-ordinate with the quiddity) and the totality which it has in common with a second species, which is independent of the first named totality. And then if the portion of the totality which the quiddity has in common with a second species is more general than the totality, it must be found in a species [e. g. mineral] in which the second totality is not found, and it must be common to the quiddity and this third species which is independent of the second totality. But again it cannot be the totality of what they have in common, but it must be a portion of it, and so we come to a third totality and so on. Now either we must admit that a quiddity may have an endless number of totalities in common with other species or we must finally arrive at a portion of a totality which portion is co-extensive with the totality. The former supposition must be false, unless we assume that a quiddity consists of an endless number of parts."

21. The Commentator points out that the expression [interminable] chain is not used in the text in its proper meaning.

18. The genus is called near, if the answer [to the question] regarding a [given] quiddity and regarding certain [other species] which are associated with it under that genus is the immediate answer regarding that quiddity, and regarding all [the species] which are associated with the said quiddity, under the same genus, as animal in reference to man.

The genus is called remote, if the answer [to the question] regarding the quiddity and regarding certain [other species] which are associated with it under that genus, is different from the answer regarding the quiddity, and those other [species mentioned above as coming under the near genus]. If the genus is remote by one degree, two answers can be given, as living being in reference to man; and if it is remote by two degrees, three answers can be given, as body in reference to man; and if it is remote by three degrees, four answers can be given, as substance in reference to man, &c.

23. Man, horse, tree and quartz can all be brought under the same denomination or genus "body (matter);" man, horse and tree can be brought under the denomination of "living body"; and man and horse can be brought under the denomination of "animal." Now if you ask

What is man?
What is quartz?
Answer "body."
but horse and tree participate at least as much in the quiddity of man as quartz, and if you ask

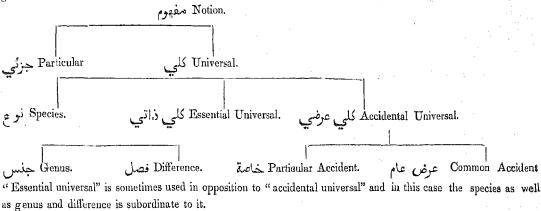
What is man? What is horse? The answer is "animal."
What is man? The answer is "organised body."

- If it (the universal notion) is not (or does not comprehend) the totality of that part [of the quiddity], which is common to it (the quiddity) and to another species [i. e. if it is not a genus, one of two things must be the case]; either it cannot be common [to both] at all [being peculiar to the quiddity as rational is according to the Arabs to man] or it [is only] a portion of the part which is common to both; although co-extensive therewith. Else (if it were more extensive it would follow that) it must be common to the quiddity and to some other species [not included in the genus] but, agreeably to the above supposition, it must, in reference to such other species, not comprehend the whole part which may be common [to the quiddity and that species], but only a portion of it [and so by assuming that the notion is part of the quiddity of another species we should only rise to a higher branch on the tree of Porphyry]. (This reasoning) does not lead to an [interminable] chain, but to something which is co-extensive with the totality of the part which is common (or genus). [universal] consequently divides the genus, and whether it distinguish the quiddity from what is associated with it under a genus or under "existence," [which may be considered the summum genus] it is [called] difference (literally division).
- 24. This paragraph and the commentary thereon are considered the pons asinorum of Arabic Logic. I therefore insert the words of the Commentator in the original with translation and examples between brackets.

فذلك البعض أما أن يكون مبائيناً لتمام المشترك أو اخص منه أو اعم منه أو مساوياً له لا جائز أن يكون مباساً له لان الكلام في الاجزاء المحمولة و من المحال أن يكون المحمول على الشيئ مبائناً له ولا أخص لوجود الاعم

said of one or several things which agree in their verities in answer to [the question] "what is it:"

- 19. Máhyyat "quiddity" is derived from má quid or from má howá quid est hoc, English logicians use "essence" to express manyyat. But in Arabic there are two other words which have nearly the same meaning, viz. dzút and haqyqat and as for each of these three words a representative was to be chosen in English it was found convenient to use essence as the representative for dzat. Haqyqat is rendered by verity (see note 21). The word mulhyyat is the most definite, being the contents of the veritable species, thus rational, living, bodily substance endowed with voluntary locomotion are the parts which constitute the mahyyat of Zayd, Bakr, &c., Jorjány, p. 205, defines máhyyat "the quiddity of a thing is that by which the thing is what it is (i. e. its ipseity). Of quiddity in itself it can neither be said that it exists or does not exist, nor that it is an universal or particular, nor that it is general or peculiar." The same author, p. 99, gives the same definition of hapyqat as of mahyyat and then he adds "the verity of a thing is that by which the thing is what it is in reference to its verification (or existence, i. c. we take an actually existing thing, c. g. a straight line on paper and ascertain its properties). Inseity has the same meaning in reference to its individuality: and quiddity has the same meaning without any reference." On the whole the sense of verity seems to be more vague than that of quiddity, and hence it is a favorite term of mystical philosophers. Drat means "self" "essence," and draty "essential." It will be observed from note 22 that it is sometimes used in a less extensive meaning than quiddity, but generally it has a more extensive meaning. Jorjány says in p. 112 "the essence of a thing is the self of a thing and it consequently comprehends its [inseparable] properties. The essential [part] of a thing is that what peculiarizes it and distinguishes it from every thing else."
- 20. The Commentator blames the author for giving separate definitions for species, in case there is only one individuum under it, as "sun," and in case there are many individua, and says that in doing so he has wandered beyond the limits of Logic.
- 21. Haqáyiq "verities" is the plural of haqyqat, and is derived from haqq "verum" (germanicé das Wahre) this word is the opposite of bátil "vanum." The word might have been translated by characteristics, but thereby would have been obliterated the affinity of this idea to tahaqquq "to verify," "to ascertain," to motahaqqaq "ascertained" to haqq "verum," and to haqqqq "veritable" which are all of very frequent occurrence.
- 17. In the second case [if the universal is part of the quiddity it must be one of two things, either a genus of the quiddity or its difference], it is called a genus if the universal is the totality of that part [of the quiddity] which is common to the quiddity and to another species. It is said in answer to [the question] "what is it?" in regard to association only. Genus is described as a universal, which is said of many things differing in their verities, in answer to [the question] "what is it."
- 22. The name for a universal which comprehends part of the quiddity is "essential universal." It is defined in the Yságújy مفهومه الكلي الذاتي هو الذي يدخل تحت حقيقة جزيات مفهومه "A universal is called essential if it is included in the verity of the particulars to which it applies." The universal which is external to the quiddity is called "accidental universal" or accident and property. I give here a table of the Universals.



[as the word "omnibus"] or as a law term, or as a term of science; in the first case it is called "a conventionally transferred (word)," in the second "a juristically transferred (word)," and in the third "a technically transferred (word)." If a word has not quitted its original subject (lost its original meaning), it is called, in relation to it, proper, and in relation (to the signification) to which it has been transferred, trop. Example, lion, in reference to the animal of that name and in reference to a braye man.

- 13. A word is in reference to another word synonymous (literally riding on the same camel, one behind the other,) with it if they agree in meaning, and heteronymous (literally distinct) if they differ in meaning.
- 14. A compound (oratio) is either complete, that is to say, it has a sense by itself (literally, silence after it is admissible) or incomplete. If a complete compound predicates something true or false, it is called information or proposition, and if it does not predicate any thing it is called interjection. If an interjection has by appointment the meaning of a request that a thing be done, and if (it be uttered) with an authoritative voice, it is an order (or an imperative) as, beat thou! if (it be uttered) in a humble voice it is a question or prayer, and if in a middling voice, a request. If it has not the meaning of a request that a thing be done, it is a warning (exclamation) expressive of whining, or weeping, or wondering, or exclaiming, or swearing. If a compound is not complete, it is either a limitation as "rational animal," or it is not a limitation, as if it consist of a noun and a tool, or of a verb and a tool (adverb).

### SECOND SECTION.

### On Simple Meanings (Predicables).

- 15. A notion is particular (singular) if the apprehension thereof of itself excludes the taking place of association, and it is universal (common), if it does not exclude association. The terms indicating these two things are called particular and universal respectively.
- 16. Mafhum "notion" means literally comprehensum, it is therefore the exact equivalent of comprehension as used in western Logic.
- 17. The reason why the author defines "particular" by an apprehension the idea of which excludes plurality, is that terms like "sun" may not be put down as particular.
- 18. The Commentator observes in reference to the terms "particular" and "universal" "Universal is generally a part of the particular, thus [the notion of] homo is a part of Zayd, in like manner animal is a part of homo and body is a part of animal. The particular is therefore a whole I and the universal a part of "Universal" "Universal" "Universal is generally a part of animal. The particular is therefore a whole I and the universal a part of "Universal" "Universal" "Universal" is generally a part of the particular is therefore a whole I and the universal a part of "Universal" "Universal
- 16. An universal [notion] is either the whole of the quiddity of the particulars under it, or is included in it (i. e. is part of it), or is external, [but joined] to it. The first is called species, whether it contains many individua [or only one, in the former case] it is said in answer to [the question], "what is it?" in regard both to association and peculiarity as homo, [in the latter case] if it does not contain several individua it is said in answer to [the question] "what is it," in regard to its peculiarity only, as "sun." Species is therefore an universal, which is

to the apprehension of the thing named, if this be not the case the word will not convey the meaning thereof. But it is not necessary that it be in such a condition that its actual existence be connected with the actual existence of the thing named. For instance the word "blind" is (per nexum) the indication of sight, yet these two things are not connected in their actual existence.

- 10. Coincidence does not (always) comprize implication, as, for instance, in indivisibles (i. e. things the quiddity of which is not composed of parts see notes 18, 19 and 27) and it may or may not comprize nexus; this is uncertain, for it is not known whether there exists an adherens (inseparable property) of every essence, the apprehension of which is connected with the apprehension of that essence. [The opinion of Imám Rázy] that the apprehension of every essence comprizes [per nexum at least if nothing else,] the apprehension that it is [that essence and] no other, is not admissible. From this it is clear that implication does not comprize nexus, they, in fact, are (only) found along with coincidence, for the sequens cannot possibly exist as sequens without something of which it is the sequens.
- 12. The Commentator observes, that the text ought to run رصن هذا عدم تبين استلزام النضمي الالترام الالترام الالترام الالترام الالترام الالترام الالترام الالترام الترام ا
- 11. If any part of the (term which is) indicans by coincidence, is intended to indicate a part of the total meaning, it (the term) is [called] complex, as a thrower of stones, else it is [called] simple. If the simple word is not by itself fit to be a predicable, it is [called] a tool (syncategorematic), as "in" and "not," and if it is fit to be a predicable, and indicates by its form one of the three times, it is a verb, else it is a noun.
- 13. The Commentator shows that in an expression like 'abd Allah, if used as a proper name is not a complex term.
- 14. Tool is the instrument with the help of which a thing is made and not the matter out of which it is made, the term is therefore very appropriate for a syncategorematic. In Grammar particles are called "letters" and a verb is called نعرف "action." The reason of a double terminology is that grammar was worked out by the Arabs independently, whereas they took Logic from the Greeks, and these two Sciences were cultivated by the same class of men long after their terminology had been fixed.
- 15. The Commentator observes that the words "by its form" are used in the text with a view of excluding words whose substance indicates a time as "yesterday."
- 12. A noun has either one meaning or more than one. In the first case if it individuates that meaning it is called a proper-name, else (there are two cases possible: firstly), if its conceivable (literally intellective) and real individua are [all] equally represented by it, it is called univocal (literally agreeing, consentient,) as "homo," "sun;" [secondly,] if it applies to some [of the individua] more forcibly, and in preference to others, it is called doubtful as existence in reference to the being which exists of necessity (God), and the beings of contingent existence (the creation.) In the second case, [if a noun has many meanings] it may be, by appointment, equally applicable to those several meanings, like spring [the spring of a clock, a spring of water],—in this case it is called equivocal: or it may have been appointed for one meaning and then have been transferred to a second. If the original meaning has become obsolete the noun is called a transferred word, it depends whether it has been transferred by common usage

(predicate), or an assertion regarding it; and [thirdly] the judgment, for judgment is impossible if one of these (three) things [subject or predicate or judgment] is unknown.

- 8. Hojjat "argument" is derived from a root which means to contend.—The author of the coghra takes dalyl "demonstration" and hojjat as synonymous.
- 9. Qawl "oratio" is used to denote an expression which consists in most cases of more than one word, but it is not necessarily a sentence, thus "rational animal" is a qawl.
- 10. It will be observed that judgment is used in the text in the two different meanings which are explained in note 5. The commentator says "judgment is one of those words which have two meanings, one is the affirmative or negative relation, apprehended between two things, and the second is the decision that that relation is taking place or is not taking place." He continues to say that the author of the text uses the word in the second meaning where he says "judgment is impossible".

## FIRST BOOK.

It contains three Sections:

FIRST SECTION.

### On Words.

- 8. That a word is the indication of a meaning (idea), by reason of [its] appointment for it (so as to represent that idea), is [called] coincidence, as, for instance, that "homo" is the indication of (is used to express the idea of) "rational animal." [That a word is the indication of an idea] by reason of its appointment for that in which it (the idea) is included is [called] implication, as for instance, that "homo" is an indication of an animal. [That a word is the indication of an idea] by reason of its appointment for that to which it (the idea) is external is [called] nexus; for instance, that "homo" is an indication of "capable of instruction" and of "acquiring the art of writing."
- 11. The word معنى "meaning" which has in common use the same signification as in English, is explained by the Commentator p. 93: المعاني هي الصور الدهنية من حيث انها وضع بازايها الالفاظ "The images in our intellect in reference to the words which have been appointed to represent them are called meanings."
- Lozúm لزور "adhesion" with its derivatives is one of the most troublesome terms in Arabic Philosophy.

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  "means "C adheres to B or is inseparably connected with it," "means "hence it follows." C in the first example is called lazim "adherens" and B is called malzúm "substrate." Thus fire is the substrate and heat the adherens. Talazum means cohesion and is somewhat differently used as considered as the adherens. "With a means "C and B are coherent or inseparably connected," in this instance either C or B may be considered as the adherens. "with a means "to necessitate" "to require" "to render it necessary" in this instance C is the substrate and B is the adherent. "I is used for "to refute."
- 9. It is necessary in the indication *per nexum* that the external thing be in such a condition that the apprehension thereof adhere in the intellect

evident [knowledge], and marking the boundaries between sound and bad reasoning. This canon is Logic. It is described as the canonic organon, (i. e. an instrument consisting of rules), the observance of which guards our intellect from error in reasoning.

Logic is neither entirely intuitive, else there would be no need for learning it, nor is it entirely deductive, else it would be a circle or [interminable] chain, but some [of its doctrines] are intuitive and others are deductive, and founded upon the intuitive ones.

## SECOND INQUIRY.

## On the Subject of Logic.

- 6. The subjects of a Science are those of its accidents which are inquired into, whether they belong to it immediately, that is to say, belong to its essence, or whether they belong to its parts or whether they belong to it [mediately, but are] co-extensive. The subjects of Logic are apprehensional and declarative notions, for the Logician inquires into them so far as they lead to unknown apprehensional or declarative [notions], and in so far as there rests upon them that which leads to apprehension; he inquires, for instance, whether [such apprehensions as lead to other apprehensions] are universals, particulars, essentials, accidents, genera, species, or differences—and in so far as there rests upon them that which leads to declaration (assertion) whether it rests upon them proximately—they (the declarations which lead to other declarations) being, for instance, propositions or conversions of propositions, or contradictories of propositions; or remotely—they being, for instance, subjects and predicates.
- 7. It will be observed that the use of the term accident differs widely from the use in western logic, the commentator says, accidents are of six kinds, for the accident of a thing either belongs to its essence (to the thing itself) or to a part of it, or it belongs to some property of the thing which is not included in its quiddity. As to the accident of a property it may either be co-extensive, مناوي (i. e. it may be a mediate accident of all the individua under that species as risible in reference to man, it being the effect of joy and common to all men,) or it may be more peculiar (limited) or more general اعراض مناوي (extensive) or it may be heterogeneous اعراض عند المعارى (literally the accident which is co-extensive with the thing of which it is the accident) are called essential accidents اعراض غريبة because they lean on the essence اعراض غريبة (Examples of foreign accidents: 1. "Risible" as an accident of animal; it is mediate being the effect of joy and more limited than animal being peculiar to man. 2. "Moveable" as an accident of white. It is originally an accident of water which is cold in its nature. This is the division of accidents observed by logicians, in metaphysics they are differently divided:
- 7. It is usual to call that which leads to apprehension oratio explicans [or mo'arrif "definiens"]; and that which leads to declaration, argument. It behoves us to premit the former to the latter in our system, because apprehension precedes declaration in nature, inasmuch as every declaration must contain [firstly] the apprehension of the subject itself, or of an assertion regarding it; and [secondly either the apprehension itself of the thing] whereby the judgment is formed,

affirmatively or negatively. The whole [apprehension and a judgment combined] is called declaration.

- 1. Taçawwur, "apprehension" is a verbal noun derived from curat "image." Simple apprehension is called taçawwur sadzij سائع The latter word is derived from the Persian سائع plain.
- 2. الشي " thing" is one of the most general terms in the language and includes both the res and conception of western Logic.
- 3. 'aql "mind" is sometimes defined as "a substance free from matter in its essence and in its operations." It answers to the Greek word logos and is also used like logos for deming: in this case it is rendered by logos in this translation as in § 30, 31, but for the adjective 'aqly invariably "mental" is used. More on this subject in philosophy. The commentator uses also the expressions "apprehension in the soul" تصور النهنية and "images in the intellect" مور في النهنية as synonymous with apprehension in the mind. There occurs also مور في النهنية 'intellective apprehension.' Soul is defined as a substance free from matter in its essence (in itself) but not in its actions; and intellect is defined as the faculty, made for the acquisition (perception) of limits (definitions, i. e. apprehensions) and views (judgments).
- 4. Tagdyq "declaration" is the verbal noun of the causative form of cudiq "true" and means to declare that a thing is true, assertion. It is used in phrases like this "the assertion that negative and affirmative cannot be united" "the assertion that the world is not eternal." The verb of this root is used for to "be predicated" to "be applicable." Arabic Logicians also use Kúdzib "false" to express "not predicated." If we say Mohammad is a prophet, and he is not a poet, it is as much as to say the being a prophet is true of Mohammad and the being a poet is not true of him. As the terms seem to be well chosen they are rendered literally in this translation.
- 5. The Commentator says 'to lean a thing on another' is to pronounce that the relation takes place between them or that it does not take place. If we say homo est scribens, we pronounce that the relation takes place between homo and scribens. The commentator enters into some metaphysical details, he says we must in this instance first perceive man then the notion of scribens, then the relation that "writing" can be affirmed of man and then whether that relation is taking place or not. The relation of the two terms is called judicial relation النسبة الحسنة (in contradistinction to نسبة بين بين بين من or relation between two words in the status constructus as "Zayd's wife,") and the affirmation that it is taking place is called judgment in doubt or supposition we perceive the judicial relation without arriving at a judgment. But we cannot arrive at a declaration without judgment. Modern philosophers are of opinion that judgment is not a perception but an act of the intellect. In perception the mind is passive, whereas in judgment it is active. If judgment is a perception, a declaration consists of four perceptions as detailed above, else it contains three. But according to Arabic metaphysicians a declaration is the same as judgment and nothing further. Hamd Allah considers the separation of apprehension and judgment as artificial and contends that declaration is usually one act of the mind—complex apprehension.
- 4. Neither is the whole of either of these two things entirely intuitive, else there would be nothing we do not know; nor entirely deductive, else our reasoning would be a circle, or an [interminable] chain.
- 6. Natzary "deductive" from natzar "to inspect to consider" is used in opposition to badyhy intuitive (literally sudden) and also to practical. Thus medicine is divided into deductive (i. e. theoretical) and practical and practical. Instead of natzary the word kisby "acquired" and instead of badyhy the term dhorury "necessary" axiomatic" are also used.
- 5. Part of each is intuitive, and part is deductive, and the result of reasoning, i. e. of such an arrangement of known things [in the mind] that they lead to [the knowledge of] unknown things. But this arrangement is not always correct, for some thinkers contradict others as regards the results of their reasonings, nay the same person contradicts himself at different times; therefore a canon (a code of rules) is required, acquainting us with the ways of deriving deductive knowledge from self-

## THE LOGIC OF THE ARABIANS.

1. Praise be to God, who has created the system of the universe, who has produced the essences of things in conformity with their existence, who has made by His omnipotence the different species of mental substances (i. e. logoi or demiurgs), and who, in His bounty, has given motion to the heavenly bodies.

Blessings be upon those noble and holy essences (inspired persons) who are pure from human defilement, more particularly upon Mohammad, the doer of signs and miracles, and upon his family and his companions who followed him [and thereby became] his argument and demonstration.

2. Whereas, agreeably to the opinion of all men of mind and liberal education, the sciences, more particularly the positive sciences, are the highest pursuits in life, and whereas the professors thereof are the most noble among human beings, their minds being sooner prepared to be absorbed into the angelic minds (that is to say, the demiurgs or logoi), and farther, whereas it is impossible to comprehend the subtilties of sciences and to preserve the acme of their verities except by the assistance of the science which is called Logic, and which teaches us how to discern between what is correct and erroneous, Shams aldyn Mohammad, a son of the Wazyr Bahâ aldyn Mohammad, has desired me to write a book, which shall comprize the principles of Logic, and contain its fundamental doctrines and rules. Ready to follow his directions, I began to write a book on Logic, making it a rule not to omit any thing that belongs to it. I made some beautiful original additions and acute observations, avoided mere compilation and followed plain truths, which will never be controverted. I gave it the name of Risálah Shamsyyah on the Principles of Logic, and divided it into an Introduction, three Books and a Conclusion. My reliance is in God.

### INTRODUCTION.

It contains two inquiries:

FIRST INQUIRY.

On what Logic is and its utility.

3. Knowledge is either apprehension, and nothing further or apprehension together with judgment. Apprehension is the perception of the image of a thing in the mind. Judgment means referring (literally leaning) one thing to another

The right way of studying Arabic Logic would be to take the Arabic translations of Aristotle's organon and by comparing them with the Greek text to ascertain the original import of the terms, and then to observe how their meaning has been changed in the progress of time. Such a labour can only be undertaken at Paris or in the Escurial; no translation of Aristotle's works is to be found in Indian libraries.

It was the intention of the translator to consult, whilst he was engaged with his works, as many Arabic books on Logic as he might have access to, and to point out in notes their differences with a view of throwing light on the history of Logic among the Arabs. But he had hardly commenced his task when he was compelled by ill-health to apply for leave to Syria, and he had to make up his mind either to publish his translation in an imperfect form or to suppress it altogether. Luckily he found a man, who has a most intimate knowledge of Logic, and who was good enough to go over the translation with him. This man is the Revd. W. Kay, Principal of Bishop's College. He has corrected a great many mistakes not only in the language but also in the sense, for his skill in logical reasoning enabled him in most instances to discover errors at first sight. To him the translator is under great obligations.

The translator was obliged, owing to his departure from Calcutta, to leave the correction of the greater part of the original text to his friends Mawlawies Mohammad Wajyh and 'Abd al-Haqq. No men are better able to furnish a good text than they, particularly as there are several good editions with commentaries extant, of these two treatises.

Calcutta, 1st April, 1854.

## PREFACE OF THE TRANSLATOR.

EVER since the sixth century of the Hijrah, the Mussalmans abandoned the path of observation and of the acquisition of new facts altogether, and considered all sciences merely as dialectic exercises. It was therefore found expedient that, the first of the compendia, which are to form the Appendix of the Dictionary of technical terms, should be a Treatise on Logic.

The Risálah Shamsyyah having, during six hundred years, been the principal text book on Logic in all Mohammadun schools, appeared to have the best claims to represent the Logic of the Mussalmans. It is therefore here published with an English translation.

Regarding the author of this treatise, I translate a passage from the Nafáyis al-Mâthir (see my Catalogue of the Oudh Libraries, I. p. 46). It is said in the biography of Amyr Kolong, "Mawláná Najm adyn Kátiby Qazwyny was a profound philosopher and a pupil of Athyr adyn Abhary. He is the author of commentaries on the Talakhkhuç, on the Mohaççal and on the Hikmat al'ayn and of the Risálah Shamsyyah and the Jámiy' aldaqáyiq. He died on Friday the 3rd of Rajab 675, (11 December 1272.)" Hájy Khalyfah says, that he was a pupil of Nacyr aldyn Tásy, and No. 7667 he places his death in 693, but he gives the correct date under No. 4586.

There is another treatise called Sollam, which is very celebrated in India, and which is considered as the acme of acuteness and conciseness. It has been added in Arabic, with a short biography of the author, but without translation, to enable the Arabic reader to exercise his acumen on it.

The translation is literal. Technical terms of the Arabic language have been rendered by such English words as appeared to the translator by etymology and usage to express most nearly their meaning, and the same representative is used in the translation throughout for the same term of the original; for instance, English Logicians in speaking of nouns use "singular" and "common" very nearly in the same sense as they use in speaking of propositions "particular" and "universal." The Arabs use the same terms in both instances, and as juzyy is derived from juz "part" and kullyy from kull "all" "universe;" the translator has, wherever the word juzyy occurred, rendered it by "particular," and wherever the word kullyy occurred, by "universal;" and so in other instances, placing where required the word which an English Logician might have employed between brackets. Explanatory additions are placed between parentheses. Both the paragraphs and notes have been numbered in order to facilitate reference."

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## FIRST APPENDIX

TO THE

# DICTIONARY OF THE TECHNICAL TERMS

USED IN THE

SCIENCES OF THE MUSSALMANS,

CONTAINING

THE LOGIC OF THE ARABIANS,

IN THE

ORIGINAL ARABIC, WITH AN ENGLISH TRANSLATION.

 ${\tt BY}$ 

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